

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000021.D
 Acq On : 12 Sep 2019 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:54 PM

Quant Time: Sep 12 15:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	139803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	263361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	222887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	101151	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	76540	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	7.71	113	72999	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	10.18	98	309653	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.48	95	107655	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	49155	47.679	ug/l	100
3) Chloromethane	2.11	50	67378	40.178	ug/l	100
4) Vinyl Chloride	2.25	62	75802	48.487	ug/l	100
5) Bromomethane	2.62	94	46312	46.606	ug/l	100
6) Chloroethane	2.78	64	50494	48.516	ug/l	100
7) Trichlorofluoromethane	3.12	101	98999	48.734	ug/l	100
8) Diethyl Ether	3.53	74	42071	50.395	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.89	101	69197	50.056	ug/l	100
10) Methyl Iodide	4.09	142	79654	52.692	ug/l	100
11) Tert butyl alcohol	4.98	59	48494	253.283	ug/l	100
12) 1,1-Dichloroethene	3.87	96	63787	49.510	ug/l	100
13) Acrolein	3.73	56	32051	223.142	ug/l	100
14) Allyl chloride	4.48	41	98241	49.111	ug/l	100
15) Acrylonitrile	5.17	53	135951	256.663	ug/l	100
16) Acetone	3.95	43	106095	254.089	ug/l	100
17) Carbon Disulfide	4.18	76	119082	45.898	ug/l	100
18) Methyl Acetate	4.48	43	56358	47.964	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	197897	50.714	ug/l	100
20) Methylene Chloride	4.71	84	76800	46.136	ug/l	100
21) trans-1,2-Dichloroethene	5.21	96	68854	48.266	ug/l	100
22) Diisopropyl ether	6.12	45	219881	49.792	ug/l	100
23) Vinyl Acetate	6.06	43	771650	252.595	ug/l	100
24) 1,1-Dichloroethane	6.01	63	128823	49.228	ug/l	100
25) 2-Butanone	6.99	43	173324	255.371	ug/l	100
26) 2,2-Dichloropropane	6.98	77	116414	47.887	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	89963	49.984	ug/l	100
28) Bromochloromethane	7.34	49	65389	54.409	ug/l	100
29) Tetrahydrofuran	7.35	42	101859	252.285	ug/l	100
30) Chloroform	7.51	83	132578	49.129	ug/l	100
31) Cyclohexane	7.78	56	98740	45.273	ug/l	100
32) 1,1,1-Trichloroethane	7.70	97	109406	49.423	ug/l	100
36) 1,1-Dichloropropene	7.92	75	95134	49.199	ug/l	100
37) Ethyl Acetate	7.07	43	65068	49.902	ug/l	100
38) Carbon Tetrachloride	7.90	117	92348	50.596	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000021.D
 Acq On : 12 Sep 2019 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.00ml
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:54 PM

Quant Time: Sep 12 15:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	114285	47.838	ug/l	100
40) Benzene	8.16	78	304815	48.419	ug/l	100
41) Methacrylonitrile	7.32	41	40746	24.061	ug/l	100
42) 1,2-Dichloroethane	8.24	62	78825	48.995	ug/l	100
43) Isopropyl Acetate	8.28	43	125014	49.476	ug/l	100
44) Trichloroethene	8.94	130	77702	49.433	ug/l	100
45) 1,2-Dichloropropane	9.21	63	80869	49.818	ug/l	100
46) Dibromomethane	9.31	93	43661	48.464	ug/l	100
47) Bromodichloromethane	9.49	83	106067	49.321	ug/l	100
48) Methyl methacrylate	9.29	41	54570	48.942	ug/l	100
49) 1,4-Dioxane	9.30	88	17405	922.516	ug/l	100
51) 4-Methyl-2-Pentanone	10.07	43	356611	251.871	ug/l	100
52) Toluene	10.24	92	193320	48.870	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	112459	49.736	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	127663	48.521	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	69987	49.023	ug/l	100
56) Ethyl methacrylate	10.51	69	99178	49.500	ug/l	100
57) 1,3-Dichloropropane	10.79	76	111689	48.919	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	303162	276.227	ug/l	100
59) 2-Hexanone	10.83	43	259284	254.125	ug/l	100
60) Dibromochloromethane	10.98	129	75414	50.133	ug/l	100
61) 1,2-Dibromoethane	11.09	107	62821	49.820	ug/l	100
64) Tetrachloroethene	10.71	164	68042	49.782	ug/l	100
65) Chlorobenzene	11.51	112	216995	51.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	74153	50.390	ug/l	100
67) Ethyl Benzene	11.59	91	383637	49.722	ug/l	100
68) m/p-Xylenes	11.70	106	291833	100.233	ug/l	100
69) o-Xylene	12.02	106	140143	49.111	ug/l	100
70) Styrene	12.04	104	250466	50.457	ug/l	100
71) Bromoform	12.20	173	44809	50.430	ug/l #	100
73) Isopropylbenzene	12.32	105	375981	48.648	ug/l	100
74) N-amyl acetate	12.14	43	116206	50.936	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	92214	49.903	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	77584m	34.581	ug/l	
77) Bromobenzene	12.60	156	82655	50.557	ug/l	100
78) n-propylbenzene	12.66	91	461160	48.825	ug/l	100
79) 2-Chlorotoluene	12.75	91	256608	48.586	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	320227	49.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	35500	50.120	ug/l	100
82) 4-Chlorotoluene	12.85	91	272184	49.104	ug/l	100
83) tert-Butylbenzene	13.07	119	272949	49.226	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	316747	49.689	ug/l	100
85) sec-Butylbenzene	13.25	105	402846	49.230	ug/l	100
86) p-Isopropyltoluene	13.37	119	342405	49.326	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	161578	49.106	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	166573	50.306	ug/l	100
89) n-Butylbenzene	13.69	91	350973	49.894	ug/l	100
90) Hexachloroethane	13.95	117	69918	50.402	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	151383	49.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	17065	47.494	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
Data File : VY000021.D
Acq On : 12 Sep 2019 12:17
Operator : SY/MD
Sample : VSTDICCC050
Misc : 5.00g/5.00ml
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:53:54 PM

Quant Time: Sep 12 15:49:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 15:35:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	94890	48.563	ug/l	100
94) Hexachlorobutadiene	15.10	225	44895	50.095	ug/l	100
95) Naphthalene	15.23	128	268315	50.194	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	88849	50.654	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000021.D
 Acq On : 12 Sep 2019 12:17
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00µl/5.00ml
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:54 PM

Quant Time: Sep 12 15:49:01 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 15:35:32 2019
 Response via : Initial Calibration

