

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000023.D
 Acq On : 12 Sep 2019 13:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.00ml
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:57 PM

Quant Time: Sep 19 11:55:15 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	147205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	273247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	232221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	104585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	229530	144.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.50%	
35) Dibromofluoromethane	7.72	113	222589	141.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.98%	
50) Toluene-d8	10.18	98	939159	148.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.60%	
62) 4-Bromofluorobenzene	12.48	95	318230	138.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	277.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	141335	130.197	ug/l	97
4) Vinyl Chloride	2.25	62	228099	138.567	ug/l	99
5) Bromomethane	2.61	94	108174	103.388	ug/l	100
6) Chloroethane	2.76	64	151680	138.409	ug/l	98
7) Trichlorofluoromethane	3.11	101	292499	136.748	ug/l	95
8) Diethyl Ether	3.53	74	125145	142.369	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.89	101	205173	140.955	ug/l	100
10) Methyl Iodide	4.08	142	249685	156.865	ug/l	99
11) Tert butyl alcohol	4.98	59	125032	620.203	ug/l	99
12) 1,1-Dichloroethene	3.86	96	187791	138.431	ug/l	86
13) Acrolein	3.73	56	90475	598.221	ug/l	97
14) Allyl chloride	4.47	41	296323	140.685	ug/l	99
15) Acrylonitrile	5.17	53	395006	708.238	ug/l	99
16) Acetone	3.95	43	293168	666.810	ug/l	94
17) Carbon Disulfide	4.18	76	361715	132.407	ug/l	99
18) Methyl Acetate	4.48	43	171945	138.978	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	591514	143.961	ug/l	98
20) Methylene Chloride	4.71	84	220658	125.890	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	207233	137.963	ug/l	97
22) Diisopropyl ether	6.12	45	679133	146.057	ug/l	97
23) Vinyl Acetate	6.06	43	2355223	732.201	ug/l	97
24) 1,1-Dichloroethane	6.02	63	392976	142.620	ug/l	99
25) 2-Butanone	6.99	43	483113	676.015	ug/l	100
26) 2,2-Dichloropropane	6.98	77	341758	133.514	ug/l	99
27) cis-1,2-Dichloroethene	6.98	96	266975	140.874	ug/l	98
28) Bromochloromethane	7.34	49	194795	153.936	ug/l #	99
29) Tetrahydrofuran	7.35	42	295990	696.245	ug/l	98
30) Chloroform	7.51	83	394657	138.893	ug/l	100
31) Cyclohexane	7.78	56	288667	125.702	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	333971	143.281	ug/l	99
36) 1,1-Dichloropropene	7.92	75	278159	138.648	ug/l	99
37) Ethyl Acetate	7.08	43	190826	141.053	ug/l	99
38) Carbon Tetrachloride	7.90	117	274095	144.739	ug/l	92
39) Methylcyclohexane	9.18	83	339239	136.863	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
 Data File : VY000023.D
 Acq On : 12 Sep 2019 13:16
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00µ/5.00ml
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:53:57 PM

Quant Time: Sep 19 11:55:15 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)
40) Benzene	8.16	78	926740	141.884	ug/l	98
41) Methacrylonitrile	7.32	41	102750m	58.481	ug/l	
42) 1,2-Dichloroethane	8.24	62	245942	147.340	ug/l	99
43) Isopropyl Acetate	8.27	43	377613	144.038	ug/l	99
44) Trichloroethene	8.93	130	231513	141.956	ug/l	94
45) 1,2-Dichloropropane	9.21	63	240044	142.525	ug/l	95
46) Dibromomethane	9.31	93	131184	140.347	ug/l	98
47) Bromodichloromethane	9.50	83	325800	146.014	ug/l	99
48) Methyl methacrylate	9.29	41	168569	145.714	ug/l	98
49) 1,4-Dioxane	9.30	88	50189	2563.921	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	1032553	702.898	ug/l	99
52) Toluene	10.24	92	592172	144.280	ug/l	100
53) t-1,3-Dichloropropene	10.46	75	346934	147.883	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	391205	143.307	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	210721	142.260	ug/l	99
56) Ethyl methacrylate	10.51	69	299879	144.256	ug/l	100
57) 1,3-Dichloropropane	10.79	76	339792	143.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	830535	729.366	ug/l	98
59) 2-Hexanone	10.84	43	735055	694.365	ug/l	97
60) Dibromochloromethane	10.98	129	223352	143.105	ug/l	97
61) 1,2-Dibromoethane	11.09	107	188682	144.220	ug/l	98
64) Tetrachloroethene	10.71	164	197387	138.610	ug/l	96
65) Chlorobenzene	11.51	112	647459	146.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	221051	144.175	ug/l	98
67) Ethyl Benzene	11.59	91	1154869	143.663	ug/l	99
68) m/p-Xylenes	11.70	106	887012	292.407	ug/l	100
69) o-Xylene	12.02	106	425256	143.036	ug/l	100
70) Stvrene	12.04	104	767052	148.312	ug/l	100
71) Bromoform	12.21	173	136380	147.318	ug/l #	96
73) Isopropylbenzene	12.32	105	1149252	143.817	ug/l	100
74) N-amyl acetate	12.14	43	347164	147.174	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	266963	139.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	188323m	81.185	ug/l	
77) Bromobenzene	12.60	156	239387	141.615	ug/l	96
78) n-propylbenzene	12.66	91	1396255	142.975	ug/l	99
79) 2-Chlorotoluene	12.75	91	769472	140.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.80	105	945804	141.751	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	102598	140.096	ug/l	98
82) 4-Chlorotoluene	12.85	91	805013	140.460	ug/l	100
83) tert-Butylbenzene	13.07	119	812034	141.641	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	936979	142.161	ug/l	100
85) sec-Butylbenzene	13.25	105	1183981	139.937	ug/l	100
86) p-Isopropyltoluene	13.37	119	1001333	139.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	473696	139.237	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	481521	140.648	ug/l	99
89) n-Butylbenzene	13.69	91	1040867	143.110	ug/l	99
90) Hexachloroethane	13.95	117	198531	138.416	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	448907	141.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	47247	127.177	ug/l	95
93) 1,2,4-Trichlorobenzene	15.00	180	284703	140.922	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091219\
Data File : VY000023.D
Acq On : 12 Sep 2019 13:16
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.00ml
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:53:57 PM

Quant Time: Sep 19 11:55:15 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)
94) Hexachlorobutadiene	15.10	225	133139	143.682	ug/l	99
95) Naphthalene	15.23	128	794360	143.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	261810	144.360	ug/l	98

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

