

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000004.D
 Acq On : 11 Sep 2019 17:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:29 PM

Quant Time: Sep 12 09:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	155991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	288782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	245069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	31275	18.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.32%	
35) Dibromofluoromethane	7.71	113	32726	19.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.44%	
50) Toluene-d8	10.18	98	121922	18.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.08%	
62) 4-Bromofluorobenzene	12.48	95	48610	20.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.00%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.90	85	23783	27.076	ug/l	97
3) Chloromethane	2.11	50	35664	32.180	ug/l	100
4) Vinyl Chloride	2.25	62	35959	27.027	ug/l	93
5) Bromomethane	2.62	94	20873	28.660	ug/l	94
6) Chloroethane	2.78	64	23496	29.094	ug/l	96
7) Trichlorofluoromethane	3.11	101	44520	41.740	ug/l	92
8) Diethyl Ether	3.53	74	17277	23.158	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.89	101	30685	22.455	ug/l	97
10) Methyl Iodide	4.08	142	34501	20.193	ug/l	99
11) Tert butyl alcohol	4.98	59	20866	148.176	ug/l #	83
12) 1,1-Dichloroethene	3.87	96	29399	22.666	ug/l #	87
13) Acrolein	3.73	56	16439	117.604	ug/l	93
14) Allyl chloride	4.48	41	44422	17.364	ug/l	99
15) Acrylonitrile	5.17	53	59015	133.646	ug/l	98
16) Acetone	3.95	43	43407	94.511	ug/l	94
17) Carbon Disulfide	4.18	76	58029	21.308	ug/l	98
18) Methyl Acetate	4.48	43	27357	24.306	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	82182	29.822	ug/l	96
20) Methylene Chloride	4.71	84	36785	24.344	ug/l #	88
21) trans-1,2-Dichloroethene	5.22	96	32569	24.500	ug/l	97
22) Diisopropyl ether	6.12	45	96485	18.917	ug/l	97
23) Vinyl Acetate	6.06	43	327462	100.440	ug/l	100
24) 1,1-Dichloroethane	6.01	63	56959	20.424	ug/l	95
25) 2-Butanone	6.99	43	71461	113.786	ug/l	99
26) 2,2-Dichloropropane	6.98	77	49233	26.435	ug/l	98
27) cis-1,2-Dichloroethene	6.98	96	38329	24.425	ug/l	99
28) Bromochloromethane	7.34	49	24818	19.099	ug/l	99
29) Tetrahydrofuran	7.35	42	45123	116.943	ug/l	98
30) Chloroform	7.51	83	58094	20.763	ug/l	95
31) Cyclohexane	7.78	56	48155	19.218	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	49132	21.671	ug/l	98
36) 1,1-Dichloropropene	7.91	75	42244	17.274	ug/l	99
37) Ethyl Acetate	7.08	43	29437	18.697	ug/l	100
38) Carbon Tetrachloride	7.90	117	40653	16.926	ug/l #	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000004.D
 Acq On : 11 Sep 2019 17:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:29 PM

Quant Time: Sep 12 09:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 08:42:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	50705	18.128	ug/l	96
40) Benzene	8.16	78	135726	19.498	ug/l	98
41) Methacrylonitrile	7.31	41	19252m	20.869	ug/l	
42) 1,2-Dichloroethane	8.24	62	35953	15.335	ug/l	98
43) Isopropyl Acetate	8.28	43	53237	17.881	ug/l	93
44) Trichloroethene	8.94	130	34586	19.238	ug/l	99
45) 1,2-Dichloropropane	9.21	63	36262	18.925	ug/l	97
46) Dibromomethane	9.31	93	18415	19.970	ug/l	99
47) Bromodichloromethane	9.49	83	46489	18.696	ug/l #	89
48) Methyl methacrylate	9.29	41	23966	16.878	ug/l	96
49) 1,4-Dioxane	9.30	88	7615	407.465	ug/l #	84
51) 4-Methyl-2-Pentanone	10.07	43	150421	95.378	ug/l	100
52) Toluene	10.24	92	83561	19.196	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	46473	18.071	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	55555	19.049	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	30431	21.866	ug/l	94
56) Ethyl methacrylate	10.51	69	42463	20.918	ug/l	99
57) 1,3-Dichloropropane	10.79	76	48436	19.105	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	107614	99.061	ug/l	98
59) 2-Hexanone	10.83	43	105647	91.704	ug/l	97
60) Dibromochloromethane	10.98	129	30192	18.750	ug/l	96
61) 1,2-Dibromoethane	11.09	107	26982	21.080	ug/l	98
64) Tetrachloroethene	10.71	164	31570	21.609	ug/l	85
65) Chlorobenzene	11.51	112	92555	20.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	31443	18.849	ug/l	96
67) Ethyl Benzene	11.59	91	167155	19.674	ug/l	98
68) m/p-Xylenes	11.70	106	125030	40.157	ug/l	99
69) o-Xylene	12.02	106	60552	20.642	ug/l	94
70) Styrene	12.04	104	105283	20.409	ug/l	99
71) Bromoform	12.20	173	18995	20.189	ug/l #	95
73) Isopropylbenzene	12.32	105	160824	21.353	ug/l	98
74) N-amyl acetate	12.14	43	44223	18.877	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	37950	24.284	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	25193m	22.560	ug/l	
77) Bromobenzene	12.60	156	34263	20.204	ug/l	97
78) n-propylbenzene	12.66	91	191837	21.168	ug/l	99
79) 2-Chlorotoluene	12.75	91	109900	21.247	ug/l	98
80) 1,3,5-Trimethylbenzene	12.80	105	135168	21.336	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	15032	27.928	ug/l	99
82) 4-Chlorotoluene	12.85	91	114260	20.884	ug/l	97
83) tert-Butylbenzene	13.07	119	113823	20.429	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	131093	20.462	ug/l	99
85) sec-Butylbenzene	13.24	105	169782	21.717	ug/l	99
86) p-Isopropyltoluene	13.36	119	144302	20.476	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	65494	19.538	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	67197	20.186	ug/l	99
89) n-Butylbenzene	13.69	91	139234	20.160	ug/l	99
90) Hexachloroethane	13.95	117	29196	23.189	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	64085	21.177	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.35	75	6612	22.951	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
Data File : VY000004.D
Acq On : 11 Sep 2019 17:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.00ml/MSVOA Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:51:29 PM

Quant Time: Sep 12 09:05:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 08:42:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	38153	18.684	ug/l	99
94) Hexachlorobutadiene	15.10	225	18501	13.655	ug/l	98
95) Naphthalene	15.22	128	106926	26.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	33164	18.255	ug/l	92

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
Data File : VY000004.D
Acq On : 11 Sep 2019 17:17
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00µl/5.00ml/MSVOA Y/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
9/13/2019 11:51:29 PM

Quant Time: Sep 12 09:05:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 08:42:53 2019
Response via : Initial Calibration

