

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064823.D
 Acq On : 09 Jan 2020 18:25
 Operator : VA/SY
 Sample : L1051-10MS
 Misc : 6.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Manual Integrations
 APPROVED

MMDadoda
 1/10/2020 10:42:13 AM

Quant Time: Jan 10 05:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	860187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1269183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1099119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	525420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	322238	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	
35) Dibromofluoromethane	7.92	113	182477	23.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	46.86%	
50) Toluene-d8	10.34	98	1619583	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
62) 4-Bromofluorobenzene	12.64	95	464898	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	122035	18.255	ug/l	94
3) Chloromethane	2.21	50	191879	20.524	ug/l	96
4) Vinyl Chloride	2.35	62	225347	19.769	ug/l	96
5) Bromomethane	2.77	94	150441	18.151	ug/l	95
6) Chloroethane	2.92	64	156333	20.467	ug/l	96
7) Trichlorofluoromethane	3.27	101	388734	20.253	ug/l	99
8) Diethyl Ether	3.71	74	66919	17.557	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	162944	20.499	ug/l	99
10) Methyl Iodide	4.29	142	165844	19.423	ug/l	100
11) Tert butyl alcohol	5.24	59	29428	67.697	ug/l	96
12) 1,1-Dichloroethene	4.06	96	164848	21.783	ug/l	90
13) Acrolein	3.93	56	5332	8.801	ug/l	87
14) Allyl chloride	4.71	41	243139	20.606	ug/l	98
15) Acrylonitrile	5.43	53	118044	74.353	ug/l	98
16) Acetone	4.17	43	150221	89.934	ug/l	90
17) Carbon Disulfide	4.40	76	450442	18.408	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	293203	17.443	ug/l	93
20) Methylene Chloride	4.96	84	174589	19.528	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	178297	20.688	ug/l	93
22) Diisopropyl ether	6.37	45	462238	19.641	ug/l	96
23) Vinyl Acetate	6.37	43	245811	18.413	ug/l #	74
24) 1,1-Dichloroethane	6.26	63	313995	22.224	ug/l	99
25) 2-Butanone	7.22	43	162621	77.998	ug/l	99
26) 2,2-Dichloropropane	7.21	77	278840	21.227	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	192008	20.643	ug/l	98
28) Bromochloromethane	7.55	49	106540	19.399	ug/l	98
29) Tetrahydrofuran	7.57	42	93863	72.393	ug/l	97
30) Chloroform	7.71	83	318614	21.494	ug/l	98
31) Cyclohexane	7.99	56	285807	20.209	ug/l #	95
32) 1,1,1-Trichloroethane	7.90	97	305034	21.909	ug/l	99
36) 1,1-Dichloropropene	8.11	75	253909	20.785	ug/l	100
37) Ethyl Acetate	7.22	43	162621	33.886	ug/l #	1
38) Carbon Tetrachloride	8.10	117	280974	21.571	ug/l	95
39) Methylcyclohexane	9.36	83	285480	19.295	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064823.D
 Acq On : 09 Jan 2020 18:25
 Operator : VA/SY
 Sample : L1051-10MS
 Misc : 6.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3H-(8.5-10.5)MS

Manual Integrations
 APPROVED

MMDadoda
 1/10/2020 10:42:13 AM

Quant Time: Jan 10 05:58:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.35	78	705311	21.150	ug/l	95
41) Methacrylonitrile	7.53	41	36074	12.956	ug/l #	82
42) 1,2-Dichloroethane	8.43	62	179727	18.650	ug/l	99
43) Isopropyl Acetate	8.46	43	65465	6.854	ug/l #	62
44) Trichloroethene	9.11	130	375549	38.335	ug/l	98
45) 1,2-Dichloropropane	9.38	63	167728	21.065	ug/l	97
46) Dibromomethane	9.48	93	76428	17.216	ug/l	99
47) Bromodichloromethane	9.66	83	234006	19.810	ug/l	99
48) Methyl methacrylate	9.46	41	8442	1.877	ug/l	92
49) 1,4-Dioxane	9.47	88	15719	307.088	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	355995	75.401	ug/l	100
52) Toluene	10.41	92	456116	20.847	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	201711	18.315	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	253847	19.548	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	95028	15.884	ug/l	96
56) Ethyl methacrylate	10.66	69	44619	5.972	ug/l #	73
57) 1,3-Dichloropropane	10.95	76	180582	17.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	220866	77.590	ug/l	100
59) 2-Hexanone	10.99	43	258387	80.633	ug/l	98
60) Dibromochloromethane	11.14	129	142287	17.199	ug/l	98
61) 1,2-Dibromoethane	11.25	107	96771	16.400	ug/l	99
64) Tetrachloroethene	10.88	164	312611	37.073	ug/l	98
65) Chlorobenzene	11.67	112	487473	21.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	176618	20.537	ug/l	99
67) Ethyl Benzene	11.75	91	885476	21.386	ug/l	98
68) m/p-Xylenes	11.86	106	684962	42.860	ug/l	98
69) o-Xylene	12.18	106	303104	20.997	ug/l	98
70) Stvrene	12.20	104	530340	20.931	ug/l	99
71) Bromoform	12.37	173	80168	16.347	ug/l #	98
73) Isopropylbenzene	12.48	105	834592	22.228	ug/l	99
74) N-amyl acetate	12.30	43	12925	1.610	ug/l #	93
76) 1,2,3-Trichloropropane	12.78	75	71639m	17.266	ug/l	
77) Bromobenzene	12.77	156	187833	20.359	ug/l	97
78) n-propylbenzene	12.83	91	974816	22.254	ug/l	99
79) 2-Chlorotoluene	12.91	91	527273	21.912	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	683691	22.166	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	31052	15.653	ug/l	96
82) 4-Chlorotoluene	13.01	91	559680	21.856	ug/l	100
83) tert-Butylbenzene	13.23	119	585309	21.856	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	668308	21.756	ug/l	99
85) sec-Butylbenzene	13.41	105	813618	22.161	ug/l	98
86) p-Isopropyltoluene	13.52	119	763920	21.761	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	374602	21.299	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	365913	21.178	ug/l	98
89) n-Butylbenzene	13.85	91	683048	21.606	ug/l	99
90) Hexachloroethane	14.12	117	141101	21.041	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	302046	20.140	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13474	14.091	ug/l	94
93) 1,2,4-Trichlorobenzene	15.17	180	208763	18.905	ug/l	99
94) Hexachlorobutadiene	15.27	225	135186	19.454	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
Data File : VD064823.D
Acq On : 09 Jan 2020 18:25
Operator : VA/SY
Sample : L1051-10MS
Misc : 6.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3H-(8.5-10.5)MS

Manual Integrations
APPROVED

MMDadoda
1/10/2020 10:42:13 AM

Quant Time: Jan 10 05:58:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.41	128	289830	16.591	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	170261	18.061	ug/l	99

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

