

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066133.D
 Acq On : 06 Aug 2020 14:35
 Operator : VA/SY
 Sample : VD0806SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0806SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:48:31 PM

Quant Time: Aug 07 01:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	334892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	486385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	442543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149560	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	7.91	113	152591	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	10.34	98	587770	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.63	95	206641	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61775	20.937	ug/l	99
3) Chloromethane	2.20	50	41138	17.924	ug/l	98
4) Vinyl Chloride	2.34	62	39700	19.538	ug/l	98
5) Bromomethane	2.74	94	24383	18.086	ug/l	96
6) Chloroethane	2.91	64	24456	19.607	ug/l	99
7) Trichlorofluoromethane	3.26	101	98340	18.563	ug/l	95
8) Diethyl Ether	3.70	74	28963	19.376	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.08	101	61662	19.613	ug/l	98
10) Methyl Iodide	4.29	142	50118	21.871	ug/l	97
11) Tert butyl alcohol	5.21	59	33913m	134.451	ug/l	
12) 1,1-Dichloroethene	4.05	96	56294	18.981	ug/l	97
13) Acrolein	3.91	56	23485	98.752	ug/l	98
14) Allyl chloride	4.70	41	85926	19.124	ug/l	98
15) Acrylonitrile	5.41	53	61493	97.625	ug/l	99
16) Acetone	4.16	43	55453	97.818	ug/l	99
17) Carbon Disulfide	4.40	76	177017	18.772	ug/l	97
18) Methyl Acetate	4.71	43	28991	20.133	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	126936	18.673	ug/l	99
20) Methylene Chloride	4.96	84	78091	21.309	ug/l	94
21) trans-1,2-Dichloroethene	5.46	96	62819	18.438	ug/l	92
22) Diisopropyl ether	6.36	45	174279	19.614	ug/l	97
23) Vinyl Acetate	6.30	43	508560	97.699	ug/l	99
24) 1,1-Dichloroethane	6.26	63	102860	18.706	ug/l	95
25) 2-Butanone	7.21	43	78758	94.456	ug/l	98
26) 2,2-Dichloropropane	7.20	77	97193	19.721	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	70638	19.767	ug/l	97
28) Bromochloromethane	7.54	49	43439	22.492	ug/l	93
29) Tetrahydrofuran	7.56	42	51895	100.455	ug/l	98
30) Chloroform	7.70	83	108113	18.724	ug/l	94
31) Cyclohexane	7.98	56	100431	19.187	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	102331	18.902	ug/l	100
36) 1,1-Dichloropropene	8.10	75	86661	18.961	ug/l	99
37) Ethyl Acetate	7.28	43	36135	19.954	ug/l	98
38) Carbon Tetrachloride	8.09	117	95967	18.829	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
 Data File : VD066133.D
 Acq On : 06 Aug 2020 14:35
 Operator : VA/SY
 Sample : VD0806SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0806SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:48:31 PM

Quant Time: Aug 07 01:47:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	106879	19.344	ug/l	97
40) Benzene	8.34	78	241617	19.056	ug/l	97
41) Methacrylonitrile	7.53	41	20740m	19.479	ug/l	
42) 1,2-Dichloroethane	8.43	62	71684	19.245	ug/l	97
43) Isopropyl Acetate	8.45	43	67795	19.001	ug/l	97
44) Trichloroethene	9.11	130	73643	19.275	ug/l	97
45) 1,2-Dichloropropane	9.38	63	59251	19.107	ug/l	93
46) Dibromomethane	9.47	93	32813	19.210	ug/l	98
47) Bromodichloromethane	9.66	83	82805	18.342	ug/l	96
48) Methyl methacrylate	9.45	41	36466	20.015	ug/l	98
49) 1,4-Dioxane	9.46	88	8786	400.371	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	176736	96.432	ug/l	100
52) Toluene	10.40	92	161116	19.311	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	80638	18.822	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	95296	18.985	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	45196	18.376	ug/l	95
56) Ethyl methacrylate	10.66	69	57644	19.510	ug/l	97
57) 1,3-Dichloropropane	10.94	76	77185	18.903	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	143280	107.807	ug/l	97
59) 2-Hexanone	10.98	43	121138	94.179	ug/l	100
60) Dibromochloromethane	11.14	129	60348	17.772	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45237	19.125	ug/l	98
64) Tetrachloroethene	10.87	164	63433	18.666	ug/l	95
65) Chlorobenzene	11.67	112	169929	18.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	65462	18.623	ug/l	98
67) Ethyl Benzene	11.74	91	300007	19.271	ug/l	97
68) m/p-Xylenes	11.86	106	231595	38.396	ug/l	97
69) o-Xylene	12.18	106	105599	19.246	ug/l	99
70) Styrene	12.20	104	186563	19.402	ug/l	98
71) Bromoform	12.36	173	39718	19.071	ug/l #	98
73) Isopropylbenzene	12.48	105	295908	19.073	ug/l	100
74) N-amyl acetate	12.29	43	66054	19.334	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	50699	19.164	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	35146m	18.133	ug/l	
77) Bromobenzene	12.76	156	76123	19.061	ug/l	98
78) n-propylbenzene	12.82	91	345288	19.146	ug/l	100
79) 2-Chlorotoluene	12.91	91	196475	19.048	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	248132	19.124	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	16982	19.368	ug/l	97
82) 4-Chlorotoluene	13.01	91	207126	19.023	ug/l	100
83) tert-Butylbenzene	13.23	119	215272	18.866	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	244050	18.795	ug/l	98
85) sec-Butylbenzene	13.40	105	294993	19.148	ug/l	99
86) p-Isopropyltoluene	13.52	119	280649	19.423	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	144221	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	140652	18.790	ug/l	99
89) n-Butylbenzene	13.85	91	254879	19.688	ug/l	99
90) Hexachloroethane	14.11	117	54280	18.836	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	124771	18.796	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9068	19.944	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080620\
Data File : VD066133.D
Acq On : 06 Aug 2020 14:35
Operator : VA/SY
Sample : VD0806SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0806SBSD01

Manual Integrations
APPROVED

MMDadoda
8/7/2020 12:48:31 PM

Quant Time: Aug 07 01:47:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	90551	18.510	ug/l	97
94) Hexachlorobutadiene	15.27	225	51805	17.984	ug/l	97
95) Naphthalene	15.41	128	152612	19.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	81035	18.765	ug/l	100

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

