

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067386.D
 Acq On : 26 Oct 2020 12:22
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 11:45:47 AM

Quant Time: Oct 27 01:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	310362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	434276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	151161	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.92	113	156645	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.34	98	567512	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.64	95	199751	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	53390	18.693	ug/l	95
3) Chloromethane	2.21	50	37672	19.287	ug/l	100
4) Vinyl Chloride	2.35	62	40078	18.701	ug/l	96
5) Bromomethane	2.77	94	31770	19.888	ug/l	96
6) Chloroethane	2.93	64	25431	19.054	ug/l	92
7) Trichlorofluoromethane	3.27	101	111527	20.666	ug/l	85
8) Diethyl Ether	3.71	74	23903	19.356	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58824	20.516	ug/l	98
10) Methyl Iodide	4.30	142	51221	19.366	ug/l	98
11) Tert butyl alcohol	5.23	59	14819	56.349	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	52187	20.374	ug/l	96
13) Acrolein	3.92	56	8420	63.047	ug/l	100
14) Allyl chloride	4.72	41	55435	18.898	ug/l	96
15) Acrylonitrile	5.43	53	40836	99.105	ug/l	99
16) Acetone	4.16	43	41087	94.352	ug/l	91
17) Carbon Disulfide	4.41	76	137529	18.834	ug/l #	95
18) Methyl Acetate	4.72	43	18627	18.754	ug/l #	73
19) Methyl tert-butyl Ether	5.47	73	96635	18.973	ug/l	98
20) Methylene Chloride	4.97	84	59560	18.527	ug/l	93
21) trans-1,2-Dichloroethene	5.48	96	59525	20.194	ug/l	95
22) Diisopropyl ether	6.37	45	109990	20.526	ug/l	93
23) Vinyl Acetate	6.31	43	295932	97.072	ug/l	96
24) 1,1-Dichloroethane	6.27	63	95192	20.753	ug/l	97
25) 2-Butanone	7.21	43	47177	95.041	ug/l	97
26) 2,2-Dichloropropane	7.21	77	98287	20.789	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	65060	20.139	ug/l	99
28) Bromochloromethane	7.56	49	27890	17.826	ug/l	94
29) Tetrahydrofuran	7.57	42	25676	93.052	ug/l #	90
30) Chloroform	7.71	83	111283	20.309	ug/l	99
31) Cyclohexane	7.99	56	69553	19.421	ug/l #	87
32) 1,1,1-Trichloroethane	7.91	97	113215	21.058	ug/l	99
36) 1,1-Dichloropropene	8.12	75	78214	20.014	ug/l	98
37) Ethyl Acetate	7.30	43	22454	19.529	ug/l #	93
38) Carbon Tetrachloride	8.10	117	106928	21.409	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067386.D
 Acq On : 26 Oct 2020 12:22
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1026SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 11:45:47 AM

Quant Time: Oct 27 01:09:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81231	19.883	ug/l	100
40) Benzene	8.36	78	223232	20.822	ug/l	100
41) Methacrylonitrile	7.53	41	11767	18.939	ug/l #	65
42) 1,2-Dichloroethane	8.43	62	65450	19.508	ug/l	98
43) Isopropyl Acetate	8.45	43	43007	18.851	ug/l	95
44) Trichloroethene	9.12	130	70063	20.411	ug/l	93
45) 1,2-Dichloropropane	9.39	63	49543	19.940	ug/l	92
46) Dibromomethane	9.48	93	30707	19.836	ug/l	97
47) Bromodichloromethane	9.67	83	88669	21.379	ug/l	98
48) Methyl methacrylate	9.46	41	21362	19.268	ug/l	99
49) 1,4-Dioxane	9.47	88	5871	372.851	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	108452	95.308	ug/l	99
52) Toluene	10.41	92	153995	21.090	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	72176	19.810	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	86680	20.328	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	43095	20.415	ug/l	94
56) Ethyl methacrylate	10.67	69	42491	19.408	ug/l	98
57) 1,3-Dichloropropane	10.95	76	68917	20.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	109883	97.838	ug/l	94
59) 2-Hexanone	10.99	43	72784	93.605	ug/l	99
60) Dibromochloromethane	11.14	129	65056	21.132	ug/l	99
61) 1,2-Dibromoethane	11.25	107	41361	19.874	ug/l	93
64) Tetrachloroethene	10.88	164	63632	20.223	ug/l	98
65) Chlorobenzene	11.67	112	172738	20.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	68678	20.750	ug/l	97
67) Ethyl Benzene	11.75	91	295886	20.727	ug/l	99
68) m/p-Xylenes	11.86	106	229847	41.812	ug/l	99
69) o-Xylene	12.18	106	103424	20.317	ug/l	99
70) Styrene	12.20	104	183031	20.887	ug/l	99
71) Bromoform	12.36	173	36334	20.434	ug/l #	99
73) Isopropylbenzene	12.48	105	298475	21.290	ug/l	99
74) N-amyl acetate	12.29	43	40389	19.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	42621	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	25127m	16.412	ug/l	
77) Bromobenzene	12.77	156	73031	20.895	ug/l	99
78) n-propylbenzene	12.83	91	339182	20.882	ug/l	100
79) 2-Chlorotoluene	12.91	91	195145	20.717	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	260075	21.348	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13298	19.697	ug/l	99
82) 4-Chlorotoluene	13.01	91	208793	20.884	ug/l	99
83) tert-Butylbenzene	13.23	119	216698	21.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	254832	21.164	ug/l	98
85) sec-Butylbenzene	13.41	105	292741	20.731	ug/l	100
86) p-Isopropyltoluene	13.52	119	278467	20.893	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	142666	21.207	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	139333	20.905	ug/l	98
89) n-Butylbenzene	13.85	91	240390	20.502	ug/l	100
90) Hexachloroethane	14.11	117	48780	20.973	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	121112	20.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7407	18.980	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102620\
Data File : VD067386.D
Acq On : 26 Oct 2020 12:22
Operator : VA/SY
Sample : VD1026SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Manual Integrations
APPROVED

MMDadoda
10/27/2020 11:45:47 AM

Quant Time: Oct 27 01:09:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82941	20.932	ug/l	99
94) Hexachlorobutadiene	15.27	225	50785	20.639	ug/l	97
95) Naphthalene	15.41	128	126471	19.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	72836	21.277	ug/l	97

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

