

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070494.D
 Acq On : 28 Sep 2021 11:16
 Operator : VA/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:32:11 PM

Quant Time: Sep 28 23:40:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	351016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	619685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	590409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	199776	44.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.640%
35) Dibromofluoromethane	7.914	113	212911	48.268	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.338	98	805792	50.314	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.620	95	272080	48.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	83657	21.281	ug/l	95
3) Chloromethane	2.209	50	103189	19.242	ug/l	100
4) Vinyl Chloride	2.350	62	117941	21.355	ug/l	100
5) Bromomethane	2.756	94	78685	20.379	ug/l	99
6) Chloroethane	2.914	64	76689	20.834	ug/l	95
7) Trichlorofluoromethane	3.273	101	161484	22.107	ug/l	90
8) Diethyl Ether	3.708	74	39617	19.619	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	97765	21.546	ug/l	99
10) Methyl Iodide	4.303	142	81275	19.354	ug/l	98
11) Tert butyl alcohol	5.214	59	19704	38.665	ug/l #	100
12) 1,1-Dichloroethene	4.067	96	84507	20.679	ug/l	96
13) Acrolein	3.926	56	12486	55.727	ug/l	97
14) Allyl chloride	4.714	41	113739	18.940	ug/l	98
15) Acrylonitrile	5.414	53	89561	93.085	ug/l	98
16) Acetone	4.156	43	72821	90.497	ug/l	97
17) Carbon Disulfide	4.408	76	289178	19.179	ug/l	99
18) Methyl Acetate	4.720	43	43551	18.775	ug/l	100
19) Methyl tert-butyl Ether	5.473	73	163671	18.533	ug/l	97
20) Methylene Chloride	4.967	84	109082	16.953	ug/l	97
21) trans-1,2-Dichloroethene	5.473	96	100021	20.561	ug/l	98
22) Diisopropyl ether	6.367	45	249322	19.398	ug/l	95
23) Vinyl Acetate	6.302	43	526740	88.462	ug/l #	94
24) 1,1-Dichloroethane	6.261	63	178294	19.605	ug/l	98
25) 2-Butanone	7.214	43	95006	88.695	ug/l	97
26) 2,2-Dichloropropane	7.208	77	152687	20.771	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	104045	19.911	ug/l	99
28) Bromochloromethane	7.544	49	63096	17.486	ug/l	95
29) Tetrahydrofuran	7.561	42	58686	85.347	ug/l	97
30) Chloroform	7.708	83	192368	20.633	ug/l	95
31) Cyclohexane	7.985	56	156137	20.111	ug/l	95
32) 1,1,1-Trichloroethane	7.902	97	165204	21.052	ug/l	99
36) 1,1-Dichloropropene	8.108	75	139095	21.000	ug/l	98
37) Ethyl Acetate	7.285	43	43288	17.477	ug/l	99
38) Carbon Tetrachloride	8.096	117	144270	22.023	ug/l	96
39) Methylcyclohexane	9.349	83	153445	20.737	ug/l	98
40) Benzene	8.349	78	406045	20.919	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070494.D
 Acq On : 28 Sep 2021 11:16
 Operator : VA/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0928SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2021 6:32:11 PM

Quant Time: Sep 28 23:40:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	30153m	23.139	ug/l	
42) 1,2-Dichloroethane	8.420	62	105421	20.278	ug/l	100
43) Isopropyl Acetate	8.449	43	84570	18.467	ug/l	97
44) Trichloroethene	9.108	130	99780	21.509	ug/l	89
45) 1,2-Dichloropropane	9.385	63	106627	20.938	ug/l	96
46) Dibromomethane	9.473	93	51630	19.688	ug/l	99
47) Bromodichloromethane	9.661	83	140687	21.029	ug/l	92
48) Methyl methacrylate	9.449	41	35170	16.633	ug/l	89
49) 1,4-Dioxane	9.455	88	10889	414.565	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	218160	92.060	ug/l	99
52) Toluene	10.396	92	258478	22.039	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	118487	20.589	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	142380	20.329	ug/l	95
55) 1,1,2-Trichloroethane	10.796	97	73803	20.458	ug/l	96
56) Ethyl methacrylate	10.655	69	74049	18.802	ug/l	96
57) 1,3-Dichloropropane	10.938	76	123769	20.152	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	183127	96.476	ug/l	99
59) 2-Hexanone	10.979	43	146145	92.432	ug/l	97
60) Dibromochloromethane	11.137	129	88155	20.997	ug/l	100
61) 1,2-Dibromoethane	11.243	107	68920	20.773	ug/l	94
64) Tetrachloroethene	10.867	164	83157	23.133	ug/l	89
65) Chlorobenzene	11.661	112	260670	21.312	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.737	131	97674	21.804	ug/l	97
67) Ethyl Benzene	11.737	91	452020	21.429	ug/l	98
68) m/p-Xylenes	11.849	106	365411	44.853	ug/l	98
69) o-Xylene	12.173	106	161767	22.164	ug/l	99
70) Styrene	12.184	104	280327	21.987	ug/l	97
71) Bromoform	12.349	173	46371	20.944	ug/l #	99
73) Isopropylbenzene	12.473	105	422464	20.970	ug/l	98
74) N-amyl acetate	12.279	43	79019	18.001	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	83899	19.444	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	52404m	18.034	ug/l	
77) Bromobenzene	12.749	156	95458	20.537	ug/l	98
78) n-propylbenzene	12.814	91	558727	21.368	ug/l	100
79) 2-Chlorotoluene	12.896	91	324291	21.277	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	377025	21.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	22919	19.762	ug/l	97
82) 4-Chlorotoluene	12.996	91	345765	21.504	ug/l	100
83) tert-Butylbenzene	13.214	119	298353	21.395	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	370572	21.643	ug/l	99
85) sec-Butylbenzene	13.390	105	483178	21.798	ug/l	98
86) p-Isopropyltoluene	13.508	119	393063	22.070	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	204111	21.092	ug/l	98
88) 1,4-Dichlorobenzene	13.584	146	199232	20.512	ug/l	97
89) n-Butylbenzene	13.831	91	367141	20.676	ug/l	98
90) Hexachloroethane	14.096	117	84171	20.646	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	174737	20.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11111	17.194	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	92419	20.045	ug/l	97
94) Hexachlorobutadiene	15.255	225	59424	21.012	ug/l	99
95) Naphthalene	15.384	128	155042	18.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	80233	19.723	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
Data File : VD070494.D
Acq On : 28 Sep 2021 11:16
Operator : VA/SY
Sample : VD0928SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0928SBSD01

Manual Integrations
APPROVED

MMDadoda
9/29/2021 6:32:11 PM

Quant Time: Sep 28 23:40:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

