

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069582.D
 Acq On : 06 Jul 2021 15:19
 Operator : VA/SY
 Sample : VD0706SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:36 PM

Quant Time: Jul 07 04:52:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	626361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1127388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1042459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	479116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	406903	52.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.914	113	389661	51.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.260%	
50) Toluene-d8	10.338	98	1504367	52.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.626	95	523089	55.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	108363	18.037	ug/l	95
3) Chloromethane	2.209	50	165754	18.861	ug/l	98
4) Vinyl Chloride	2.350	62	174684	17.832	ug/l	96
5) Bromomethane	2.750	94	112685	17.925	ug/l	89
6) Chloroethane	2.915	64	118503	18.160	ug/l	92
7) Trichlorofluoromethane	3.267	101	242630	20.856	ug/l	92
8) Diethyl Ether	3.709	74	72146	23.444	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.091	101	154204	21.671	ug/l	95
10) Methyl Iodide	4.291	142	101356	18.176	ug/l	96
11) Tert butyl alcohol	5.214	59	75802m	172.370	ug/l	
12) 1,1-Dichloroethene	4.062	96	134282	21.710	ug/l	95
13) Acrolein	3.920	56	34309	78.951	ug/l	99
14) Allyl chloride	4.714	41	216141	24.926	ug/l	90
15) Acrylonitrile	5.420	53	159428	123.412	ug/l	100
16) Acetone	4.156	43	155845	118.592	ug/l	98
17) Carbon Disulfide	4.409	76	398471	19.567	ug/l	99
18) Methyl Acetate	4.720	43	113985	34.064	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	281404	23.150	ug/l	98
20) Methylene Chloride	4.967	84	241895	25.832	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	159560	21.382	ug/l	98
22) Diisopropyl ether	6.361	45	446474	25.552	ug/l	94
23) Vinyl Acetate	6.308	43	1066836	107.715	ug/l	100
24) 1,1-Dichloroethane	6.261	63	316839	22.893	ug/l	98
25) 2-Butanone	7.208	43	208875	125.083	ug/l	98
26) 2,2-Dichloropropane	7.208	77	259050	22.895	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	177438	21.883	ug/l	97
28) Bromochloromethane	7.550	49	114790	21.177	ug/l	95
29) Tetrahydrofuran	7.561	42	118204	129.113	ug/l	98
30) Chloroform	7.708	83	318676	21.782	ug/l	96
31) Cyclohexane	7.985	56	229972	21.877	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	265260	22.002	ug/l	98
36) 1,1-Dichloropropene	8.108	75	233228	21.079	ug/l	99
37) Ethyl Acetate	7.297	43	102437	24.948	ug/l	98
38) Carbon Tetrachloride	8.097	117	223060	20.370	ug/l	98
39) Methylcyclohexane	9.355	83	225363	20.648	ug/l	96
40) Benzene	8.350	78	682470	21.395	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069582.D
 Acq On : 06 Jul 2021 15:19
 Operator : VA/SY
 Sample : VD0706SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0706SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2021 6:28:36 PM

Quant Time: Jul 07 04:52:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	53152	22.245	ug/l	89
42) 1,2-Dichloroethane	8.426	62	194317	20.968	ug/l	100
43) Isopropyl Acetate	8.455	43	181685	24.357	ug/l	98
44) Trichloroethene	9.108	130	166670	20.707	ug/l	94
45) 1,2-Dichloropropane	9.385	63	184420	22.522	ug/l	99
46) Dibromomethane	9.479	93	90887	21.193	ug/l	99
47) Bromodichloromethane	9.661	83	242699	21.075	ug/l	97
48) Methyl methacrylate	9.455	41	79988	22.573	ug/l	95
49) 1,4-Dioxane	9.461	88	19270	456.153	ug/l	91
51) 4-Methyl-2-Pentanone	10.226	43	481133	122.657	ug/l	98
52) Toluene	10.402	92	430922	21.893	ug/l	98
53) t-1,3-Dichloropropene	10.620	75	220103	22.106	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	265278	22.156	ug/l	97
55) 1,1,2-Trichloroethane	10.796	97	134431	22.199	ug/l	97
56) Ethyl methacrylate	10.655	69	143759	21.731	ug/l #	95
57) 1,3-Dichloropropane	10.944	76	228280	22.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	379548	108.163	ug/l	97
59) 2-Hexanone	10.979	43	324611	122.633	ug/l	99
60) Dibromochloromethane	11.138	129	151574	21.236	ug/l	98
61) 1,2-Dibromoethane	11.243	107	117818	21.101	ug/l	98
64) Tetrachloroethene	10.873	164	139697	21.339	ug/l	97
65) Chlorobenzene	11.667	112	439499	21.197	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	161339	21.404	ug/l	99
67) Ethyl Benzene	11.738	91	777438	21.465	ug/l	97
68) m/p-Xylenes	11.849	106	596064	43.709	ug/l	99
69) o-Xylene	12.173	106	263128	21.525	ug/l	98
70) Styrene	12.191	104	469538	21.806	ug/l	99
71) Bromoform	12.355	173	82473	21.590	ug/l #	97
73) Isopropylbenzene	12.473	105	723814	21.927	ug/l	100
74) N-amyl acetate	12.285	43	164956	24.612	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.726	83	151998	22.924	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	92730m	19.717	ug/l	
77) Bromobenzene	12.755	156	160873	21.461	ug/l	92
78) n-propylbenzene	12.814	91	927234	22.379	ug/l	99
79) 2-Chlorotoluene	12.902	91	526947	22.262	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	617410	22.225	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	42103	22.352	ug/l	98
82) 4-Chlorotoluene	12.996	91	578413	22.792	ug/l	98
83) tert-Butylbenzene	13.214	119	506823	21.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	615444	22.286	ug/l	100
85) sec-Butylbenzene	13.396	105	769467	22.216	ug/l	99
86) p-Isopropyltoluene	13.508	119	638232	21.891	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	328038	21.367	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	327635	21.421	ug/l	99
89) n-Butylbenzene	13.837	91	629157	21.632	ug/l	99
90) Hexachloroethane	14.102	117	115851	20.328	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	285272	21.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	22601	22.466	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	160987	21.730	ug/l	100
94) Hexachlorobutadiene	15.255	225	92764	19.956	ug/l	98
95) Naphthalene	15.390	128	291655	21.584	ug/l	99
96) 1,2,3-Trichlorobenzene	15.584	180	141017	21.594	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
Data File : VD069582.D
Acq On : 06 Jul 2021 15:19
Operator : VA/SY
Sample : VD0706SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0706SBS01

Manual Integrations
APPROVED

MMDadoda
7/7/2021 6:28:36 PM

Quant Time: Jul 07 04:52:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 22 04:33:24 2021
Response via : Initial Calibration

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

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

