

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073443.D
 Acq On : 01 Jun 2022 12:54
 Operator : VA/SY
 Sample : VD0601SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2022
 Supervised By :Mahesh Dadoda 06/02/2022

Quant Time: Jun 02 04:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	345257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	573202	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	282739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	177898	46.624	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.240%		
35) Dibromofluoromethane	7.909	113	187819	49.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.320%		
50) Toluene-d8	10.332	98	681928	48.909	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.620	95	254002	51.910	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	59060	17.119	ug/l	100
3) Chloromethane	2.209	50	57056	14.626	ug/l	100
4) Vinyl Chloride	2.344	62	55864	15.661	ug/l	99
5) Bromomethane	2.750	94	40989	15.108	ug/l	100
6) Chloroethane	2.909	64	36459	16.626	ug/l	96
7) Trichlorofluoromethane	3.262	101	114225	18.109	ug/l	94
8) Diethyl Ether	3.703	74	33402	19.272	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	67678	17.983	ug/l	94
10) Methyl Iodide	4.291	142	62482	15.388	ug/l	99
11) Tert butyl alcohol	5.215	59	36493m	61.645	ug/l	
12) 1,1-Dichloroethene	4.056	96	58929	16.984	ug/l	87
13) Acrolein	3.915	56	19571	71.007	ug/l	99
14) Allyl chloride	4.703	41	90445	16.149	ug/l #	91
15) Acrylonitrile	5.415	53	72957	92.053	ug/l	97
16) Acetone	4.162	43	54027	81.748	ug/l	99
17) Carbon Disulfide	4.403	76	168001	14.606	ug/l	99
18) Methyl Acetate	4.721	43	36999	20.133	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	144863	18.326	ug/l	98
20) Methylene Chloride	4.956	84	88519	18.609	ug/l #	84
21) trans-1,2-Dichloroethene	5.462	96	72566	17.297	ug/l	87
22) Diisopropyl ether	6.356	45	214117	18.237	ug/l #	93
23) Vinyl Acetate	6.297	43	531062	84.800	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	131093	17.395	ug/l	98
25) 2-Butanone	7.203	43	83963	86.836	ug/l	91
26) 2,2-Dichloropropane	7.197	77	111190	17.301	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	80962	17.441	ug/l	91
28) Bromochloromethane	7.544	49	42492	16.366	ug/l #	79
29) Tetrahydrofuran	7.556	42	54213	86.709	ug/l	90
30) Chloroform	7.703	83	143693	18.264	ug/l	97
31) Cyclohexane	7.979	56	108705	16.303	ug/l #	81
32) 1,1,1-Trichloroethane	7.897	97	121834	17.705	ug/l	94
36) 1,1-Dichloropropene	8.103	75	98348	17.289	ug/l	96
37) Ethyl Acetate	7.291	43	40851	18.181	ug/l #	90
38) Carbon Tetrachloride	8.091	117	108205	18.765	ug/l	96
39) Methylcyclohexane	9.350	83	108413	17.101	ug/l	97
40) Benzene	8.338	78	295298	18.012	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073443.D
 Acq On : 01 Jun 2022 12:54
 Operator : VA/SY
 Sample : VD0601SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2022
 Supervised By :Mahesh Dadoda 06/02/2022

Quant Time: Jun 02 04:07:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	25712m	19.640	ug/l	
42) 1,2-Dichloroethane	8.414	62	84579	18.541	ug/l	94
43) Isopropyl Acetate	8.444	43	77385	18.633	ug/l #	92
44) Trichloroethene	9.103	130	80097	18.321	ug/l	97
45) 1,2-Dichloropropane	9.379	63	75558	18.300	ug/l	99
46) Dibromomethane	9.461	93	42570	18.773	ug/l	96
47) Bromodichloromethane	9.656	83	109213	18.823	ug/l	97
48) Methyl methacrylate	9.450	41	34346	16.437	ug/l #	82
49) 1,4-Dioxane	9.456	88	9119	389.406	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	198825	92.172	ug/l	92
52) Toluene	10.397	92	198430	19.153	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	98077	18.711	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	116123	18.512	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	57572	18.775	ug/l	94
56) Ethyl methacrylate	10.656	69	64569	18.939	ug/l	86
57) 1,3-Dichloropropane	10.938	76	99809	19.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	150329	106.402	ug/l	95
59) 2-Hexanone	10.973	43	135288	95.129	ug/l	94
60) Dibromochloromethane	11.126	129	76772	20.079	ug/l	95
61) 1,2-Dibromoethane	11.232	107	56293	19.212	ug/l	96
64) Tetrachloroethene	10.867	164	66503	18.401	ug/l	92
65) Chlorobenzene	11.661	112	215149	19.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	79428	18.919	ug/l	96
67) Ethyl Benzene	11.732	91	363714	18.303	ug/l	100
68) m/p-Xylenes	11.844	106	289039	37.437	ug/l	98
69) o-Xylene	12.167	106	128105	18.062	ug/l	99
70) Styrene	12.185	104	230320	18.875	ug/l	98
71) Bromoform	12.350	173	43202	19.994	ug/l #	99
73) Isopropylbenzene	12.467	105	349071	17.318	ug/l	98
74) N-amyl acetate	12.279	43	74540	16.952	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	70051	18.844	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	46428m	16.736	ug/l	
77) Bromobenzene	12.749	156	87422	18.425	ug/l	90
78) n-propylbenzene	12.808	91	445603	17.610	ug/l	99
79) 2-Chlorotoluene	12.897	91	258348	17.682	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	309839	18.146	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	21562	18.659	ug/l	85
82) 4-Chlorotoluene	12.991	91	277153	18.098	ug/l	97
83) tert-Butylbenzene	13.208	119	249002	17.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	306062	18.145	ug/l	99
85) sec-Butylbenzene	13.385	105	389473	17.725	ug/l	99
86) p-Isopropyltoluene	13.502	119	323108	18.039	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	180083	18.830	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	177765	18.413	ug/l	98
89) n-Butylbenzene	13.826	91	303848	17.804	ug/l	99
90) Hexachloroethane	14.096	117	66583	17.966	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	157699	19.058	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	10149	17.828	ug/l	81
93) 1,2,4-Trichlorobenzene	15.143	180	88569	18.853	ug/l	99
94) Hexachlorobutadiene	15.249	225	50821	19.197	ug/l	96
95) Naphthalene	15.379	128	148400	18.444	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	79734	19.145	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
Data File : VD073443.D
Acq On : 01 Jun 2022 12:54
Operator : VA/SY
Sample : VD0601SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/02/2022
Supervised By :Mahesh Dadoda 06/02/2022

Quant Time: Jun 02 04:07:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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

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

