

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073800.D
 Acq On : 07 Jul 2022 09:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

07/08/2022
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jul 08 06:28:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 05:39:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	118155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	226189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	207860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	94958	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60240	41.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.909	113	63222	45.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.100%
50) Toluene-d8	10.332	98	195997	41.688	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	=	83.380%#
62) 4-Bromofluorobenzene	12.620	95	86045	44.524	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	=	89.040%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	30841	47.928	ug/l	97
3) Chloromethane	2.209	50	40959	47.182	ug/l	93
4) Vinyl Chloride	2.344	62	52714	48.276	ug/l	94
5) Bromomethane	2.762	94	38370	49.428	ug/l	90
6) Chloroethane	2.915	64	40831	42.199	ug/l	96
7) Trichlorofluoromethane	3.268	101	85318	43.180	ug/l	94
8) Diethyl Ether	3.703	74	28754	47.517	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.085	101	55560	45.483	ug/l	98
10) Methyl Iodide	4.291	142	38225	47.581	ug/l	99
11) Tert butyl alcohol	5.191	59	53181m	107.177	ug/l	
12) 1,1-Dichloroethene	4.062	96	40624	41.939	ug/l	96
13) Acrolein	3.915	56	24893	232.403	ug/l	97
14) Allyl chloride	4.703	41	81757	44.679	ug/l	99
15) Acrylonitrile	5.415	53	82671	238.640	ug/l	99
16) Acetone	4.150	43	74816	290.320	ug/l	98
17) Carbon Disulfide	4.397	76	59556	45.298	ug/l	97
18) Methyl Acetate	4.709	43	35524	44.618	ug/l	98
19) Methyl tert-butyl Ether	5.468	73	168081	47.063	ug/l	97
20) Methylene Chloride	4.950	84	63730	43.790	ug/l	95
21) trans-1,2-Dichloroethene	5.462	96	48579	42.164	ug/l #	84
22) Diisopropyl ether	6.356	45	228669	48.451	ug/l	97
23) Vinyl Acetate	6.291	43	646492	255.709	ug/l	98
24) 1,1-Dichloroethane	6.256	63	120346	45.409	ug/l	98
25) 2-Butanone	7.203	43	113185	236.995	ug/l	94
26) 2,2-Dichloropropane	7.197	77	119932	48.560	ug/l	99
27) cis-1,2-Dichloroethene	7.197	96	72412	44.614	ug/l	99
28) Bromochloromethane	7.532	49	51016	49.427	ug/l	100
29) Tetrahydrofuran	7.556	42	67986	241.188	ug/l	95
30) Chloroform	7.703	83	140587	47.819	ug/l	97
31) Cyclohexane	7.979	56	71658	46.819	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	116941	47.001	ug/l	96
36) 1,1-Dichloropropene	8.103	75	79291	44.656	ug/l	99
37) Ethyl Acetate	7.285	43	49382	46.633	ug/l	99
38) Carbon Tetrachloride	8.091	117	94450	46.789	ug/l	94
39) Methylcyclohexane	9.344	83	78935	43.054	ug/l	90
40) Benzene	8.344	78	238881	45.505	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	31383	53.920	ug/l #	85
42) 1,2-Dichloroethane	8.414	62	85341	47.239	ug/l	100
43) Isopropyl Acetate	8.444	43	101233	47.441	ug/l	100
44) Trichloroethene	9.103	130	61998	44.423	ug/l	97
45) 1,2-Dichloropropane	9.379	63	71644	47.490	ug/l	100
46) Dibromomethane	9.467	93	39691	45.925	ug/l	97
47) Bromodichloromethane	9.656	83	114064	48.775	ug/l	99
48) Methyl methacrylate	9.444	41	47879	49.227	ug/l	96
49) 1,4-Dioxane	9.456	88	10779	1002.333	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	270039	242.295	ug/l	99
52) Toluene	10.397	92	160622	46.252	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	107476	49.724	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	114559	47.822	ug/l	100
55) 1,1,2-Trichloroethane	10.791	97	60054	49.563	ug/l	94
56) Ethyl methacrylate	10.650	69	76392	49.385	ug/l	95
57) 1,3-Dichloropropane	10.932	76	98834	47.544	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	135621	221.881	ug/l	100
59) 2-Hexanone	10.973	43	184077	247.648	ug/l	99
60) Dibromochloromethane	11.132	129	75639	50.603	ug/l	99
61) 1,2-Dibromoethane	11.232	107	52029	46.660	ug/l	95
64) Tetrachloroethene	10.867	164	48036	53.284	ug/l	91
65) Chlorobenzene	11.655	112	188012	47.346	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	77063	50.384	ug/l	98
67) Ethyl Benzene	11.732	91	343206	47.671	ug/l	100
68) m/p-Xylenes	11.844	106	255366	93.771	ug/l	98
69) o-Xylene	12.167	106	126824	48.379	ug/l	96
70) Styrene	12.185	104	219941	47.790	ug/l	98
71) Bromoform	12.350	173	39964	50.912	ug/l #	97
73) Isopropylbenzene	12.467	105	351833	48.136	ug/l	100
74) N-amyl acetate	12.273	43	101650	49.276	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	74457	49.025	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	60643m	58.656	ug/l	
77) Bromobenzene	12.750	156	73369	48.226	ug/l	99
78) n-propylbenzene	12.808	91	436582	47.650	ug/l	100
79) 2-Chlorotoluene	12.897	91	248296	47.905	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	295041	48.307	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	23507	50.796	ug/l	97
82) 4-Chlorotoluene	12.991	91	264277	48.360	ug/l	100
83) tert-Butylbenzene	13.208	119	260396	48.118	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	292258	48.335	ug/l	99
85) sec-Butylbenzene	13.385	105	398017	48.048	ug/l	99
86) p-Isopropyltoluene	13.502	119	323974	49.047	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	152372	47.719	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	151827	46.986	ug/l	98
89) n-Butylbenzene	13.826	91	323184	48.421	ug/l	99
90) Hexachloroethane	14.097	117	62610	47.033	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	136894	48.445	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	11978	47.426	ug/l	94
93) 1,2,4-Trichlorobenzene	15.144	180	79973	49.497	ug/l	99
94) Hexachlorobutadiene	15.249	225	37054	47.566	ug/l	98
95) Naphthalene	15.379	128	178603	48.920	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	68413	47.920	ug/l	96

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

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