

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074147.D
 Acq On : 19 Aug 2022 14:02
 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 :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 20 01:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	184061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	307102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	287483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	136053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64173	46.458	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.920%		
35) Dibromofluoromethane	7.908	113	75062	49.853	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.700%		
50) Toluene-d8	10.332	98	200267	47.322	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.614	95	106927	46.531	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	89014	48.619	ug/l	100
3) Chloromethane	2.203	50	64271	38.803	ug/l	95
4) Vinyl Chloride	2.344	62	62654	40.152	ug/l	96
5) Bromomethane	2.762	94	37376	40.150	ug/l	90
6) Chloroethane	2.915	64	39769	41.930	ug/l	95
7) Trichlorofluoromethane	3.262	101	161957	45.446	ug/l	98
8) Diethyl Ether	3.709	74	42537	42.771	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.085	101	98001	46.677	ug/l	97
10) Methyl Iodide	4.291	142	102600	42.720	ug/l	99
11) Tert butyl alcohol	5.220	59	30220	221.751	ug/l #	87
12) 1,1-Dichloroethene	4.062	96	89791	45.382	ug/l	85
13) Acrolein	3.920	56	38652	229.694	ug/l	100
14) Allyl chloride	4.703	41	142080	43.639	ug/l	94
15) Acrylonitrile	5.409	53	105375	219.379	ug/l	98
16) Acetone	4.150	43	82905	209.068	ug/l	95
17) Carbon Disulfide	4.403	76	276907	41.668	ug/l	99
18) Methyl Acetate	4.709	43	53407	43.102	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	213794	46.641	ug/l	98
20) Methylene Chloride	4.956	84	122124	42.925	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	104359	45.510	ug/l	94
22) Diisopropyl ether	6.356	45	299527	46.349	ug/l	93
23) Vinyl Acetate	6.297	43	814202	224.930	ug/l	95
24) 1,1-Dichloroethane	6.256	63	186989	45.709	ug/l	99
25) 2-Butanone	7.209	43	136066	210.287	ug/l #	90
26) 2,2-Dichloropropane	7.197	77	163833	46.665	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	112352	45.715	ug/l	95
28) Bromochloromethane	7.538	49	58557	44.950	ug/l	86
29) Tetrahydrofuran	7.556	42	86684	220.895	ug/l	93
30) Chloroform	7.697	83	191904	45.474	ug/l	96
31) Cyclohexane	7.979	56	163324	41.900	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	177133	47.173	ug/l	96
36) 1,1-Dichloropropene	8.103	75	148637	47.284	ug/l	97
37) Ethyl Acetate	7.285	43	62754	44.548	ug/l	96
38) Carbon Tetrachloride	8.085	117	150853	48.526	ug/l	94
39) Methylcyclohexane	9.344	83	168852	46.084	ug/l	97
40) Benzene	8.338	78	415264	47.840	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	38894	53.655	ug/l	97
42) 1,2-Dichloroethane	8.414	62	121313	46.992	ug/l	98
43) Isopropyl Acetate	8.444	43	119222	45.700	ug/l #	93
44) Trichloroethene	9.103	130	110532	47.152	ug/l	100
45) 1,2-Dichloropropane	9.379	63	103945	47.265	ug/l	95
46) Dibromomethane	9.467	93	56940	46.434	ug/l	97
47) Bromodichloromethane	9.650	83	145556	46.949	ug/l	99
48) Methyl methacrylate	9.450	41	58965	45.864	ug/l	92
49) 1,4-Dioxane	9.450	88	13426	1021.381	ug/l	97
51) 4-Methyl-2-Pentanone	10.214	43	315412	234.927	ug/l	95
52) Toluene	10.391	92	266071	49.668	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	136497	48.455	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	159063	47.308	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	77934	48.272	ug/l	97
56) Ethyl methacrylate	10.650	69	95235	48.245	ug/l	88
57) 1,3-Dichloropropane	10.932	76	132652	46.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	139019	240.266	ug/l	96
59) 2-Hexanone	10.973	43	212070	236.823	ug/l	97
60) Dibromochloromethane	11.126	129	97688	48.049	ug/l	100
61) 1,2-Dibromoethane	11.232	107	74288	47.359	ug/l	99
64) Tetrachloroethene	10.867	164	92724	47.517	ug/l	97
65) Chlorobenzene	11.655	112	277091	47.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	103431	48.899	ug/l	100
67) Ethyl Benzene	11.732	91	500023	48.419	ug/l	98
68) m/p-Xylenes	11.844	106	390942	98.489	ug/l	98
69) o-Xylene	12.167	106	180460	48.640	ug/l	96
70) Styrene	12.179	104	313071	49.398	ug/l	98
71) Bromoform	12.344	173	56142	49.636	ug/l #	99
73) Isopropylbenzene	12.467	105	484468	48.894	ug/l	98
74) N-amyl acetate	12.273	43	112265	45.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	87022	45.875	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	66686m	47.330	ug/l	
77) Bromobenzene	12.744	156	108139	47.601	ug/l	93
78) n-propylbenzene	12.802	91	601334	48.952	ug/l	98
79) 2-Chlorotoluene	12.891	91	340526	48.300	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	411124	49.626	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	26452	49.127	ug/l	89
82) 4-Chlorotoluene	12.991	91	358514	48.318	ug/l	100
83) tert-Butylbenzene	13.208	119	344430	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	399653	48.973	ug/l	99
85) sec-Butylbenzene	13.385	105	529234	49.696	ug/l	99
86) p-Isopropyltoluene	13.496	119	441114	49.893	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	219478	48.404	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	219150	48.402	ug/l	99
89) n-Butylbenzene	13.826	91	420315	48.748	ug/l	99
90) Hexachloroethane	14.091	117	84677	49.003	ug/l	96
91) 1,2-Dichlorobenzene	13.867	146	186973	46.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	14573	44.765	ug/l	94
93) 1,2,4-Trichlorobenzene	15.137	180	111553	47.612	ug/l	98
94) Hexachlorobutadiene	15.243	225	61035	49.113	ug/l	100
95) Naphthalene	15.379	128	217752	45.886	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	100643	48.708	ug/l	98

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

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