

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073851.D
 Acq On : 18 Jul 2022 16:11
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 01:18:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:16:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	138993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	233970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	218066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81907	45.741	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.480%		
35) Dibromofluoromethane	7.909	113	80726	49.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.580%		
50) Toluene-d8	10.332	98	305944	51.694	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.380%		
62) 4-Bromofluorobenzene	12.620	95	104054	47.987	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	62929	34.673	ug/l	94
3) Chloromethane	2.209	50	112152	54.621	ug/l	98
4) Vinyl Chloride	2.344	62	158710	78.662	ug/l	98
5) Bromomethane	2.762	94	98522	73.184	ug/l	97
6) Chloroethane	2.915	64	107379	82.925	ug/l	98
7) Trichlorofluoromethane	3.262	101	140057	45.313	ug/l	98
8) Diethyl Ether	3.703	74	35012	40.220	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.085	101	78396	43.078	ug/l	98
10) Methyl Iodide	4.291	142	88137	47.957	ug/l	98
11) Tert butyl alcohol	5.220	59	22937	153.634	ug/l	98
12) 1,1-Dichloroethene	4.062	96	71598	43.687	ug/l	95
13) Acrolein	3.915	56	17264	143.672	ug/l	99
14) Allyl chloride	4.703	41	103567	39.885	ug/l #	89
15) Acrylonitrile	5.415	53	74090	182.378	ug/l	97
16) Acetone	4.150	43	80615	220.274	ug/l	95
17) Carbon Disulfide	4.397	76	224147	43.545	ug/l	98
18) Methyl Acetate	4.715	43	33901	33.351	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	174685	44.677	ug/l	98
20) Methylene Chloride	4.962	84	97800	35.433	ug/l	91
21) trans-1,2-Dichloroethene	5.462	96	83942	44.713	ug/l	91
22) Diisopropyl ether	6.356	45	220540	38.945	ug/l #	93
23) Vinyl Acetate	6.297	43	635759	202.489	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	142862	41.185	ug/l	98
25) 2-Butanone	7.209	43	99518	198.034	ug/l	91
26) 2,2-Dichloropropane	7.197	77	126830	43.140	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	92862	43.239	ug/l	91
28) Bromochloromethane	7.538	49	57290	44.275	ug/l #	80
29) Tetrahydrofuran	7.556	42	60299	189.119	ug/l #	87
30) Chloroform	7.703	83	158115	42.752	ug/l	98
31) Cyclohexane	7.973	56	125586	41.248	ug/l #	86
32) 1,1,1-Trichloroethane	7.897	97	149693	46.934	ug/l	97
36) 1,1-Dichloropropene	8.103	75	120667	46.337	ug/l	97
37) Ethyl Acetate	7.285	43	39707	34.685	ug/l #	92
38) Carbon Tetrachloride	8.091	117	132843	48.531	ug/l	99
39) Methylcyclohexane	9.350	83	142743	47.120	ug/l	92
40) Benzene	8.344	78	330296	44.094	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26349	38.640	ug/l	90
42) 1,2-Dichloroethane	8.414	62	100070	44.207	ug/l	99
43) Isopropyl Acetate	8.444	43	87960	40.706	ug/l #	93
44) Trichloroethene	9.103	130	89109	44.382	ug/l	90
45) 1,2-Dichloropropane	9.379	63	78197	40.337	ug/l	97
46) Dibromomethane	9.467	93	48707	44.675	ug/l	98
47) Bromodichloromethane	9.650	83	122565	43.923	ug/l	99
48) Methyl methacrylate	9.450	41	43122	41.045	ug/l #	77
49) 1,4-Dioxane	9.456	88	9821	810.346	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	221763	198.671	ug/l	94
52) Toluene	10.397	92	223650	47.573	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	113236	44.289	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	130978	44.016	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	60756	41.802	ug/l	97
56) Ethyl methacrylate	10.650	69	74499	43.918	ug/l	91
57) 1,3-Dichloropropane	10.938	76	103618	41.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	188127	227.519	ug/l	93
59) 2-Hexanone	10.973	43	157804	210.917	ug/l	95
60) Dibromochloromethane	11.132	129	84315	45.308	ug/l	100
61) 1,2-Dibromoethane	11.238	107	61899	43.495	ug/l	94
64) Tetrachloroethene	10.867	164	74858	47.418	ug/l	96
65) Chlorobenzene	11.661	112	229468	46.319	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	86231	46.384	ug/l	98
67) Ethyl Benzene	11.732	91	426516	49.498	ug/l	99
68) m/p-Xylenes	11.844	106	346571	103.827	ug/l	97
69) o-Xylene	12.167	106	159728	51.342	ug/l	95
70) Styrene	12.185	104	271101	50.509	ug/l	99
71) Bromoform	12.344	173	47884	47.268	ug/l #	99
73) Isopropylbenzene	12.467	105	425783	50.684	ug/l	100
74) N-amyl acetate	12.273	43	84632	41.893	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	73823	44.058	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	50704m	43.391	ug/l	
77) Bromobenzene	12.749	156	93830	47.357	ug/l	90
78) n-propylbenzene	12.808	91	525853	49.880	ug/l	98
79) 2-Chlorotoluene	12.897	91	289590	47.204	ug/l	95
80) 1,3,5-Trimethylbenzene	12.944	105	366077	51.401	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23107	45.108	ug/l	91
82) 4-Chlorotoluene	12.991	91	311906	48.480	ug/l	99
83) tert-Butylbenzene	13.208	119	308807	50.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	363312	50.989	ug/l	100
85) sec-Butylbenzene	13.385	105	470419	51.428	ug/l	99
86) p-Isopropyltoluene	13.502	119	406054	53.715	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	199776	49.435	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	194776	48.533	ug/l	99
89) n-Butylbenzene	13.826	91	376688	51.858	ug/l	99
90) Hexachloroethane	14.096	117	78030	50.447	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	172582	49.199	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	12697	47.305	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	105876	50.961	ug/l	99
94) Hexachlorobutadiene	15.249	225	54193	47.878	ug/l	97
95) Naphthalene	15.379	128	199105	52.206	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	92593	50.447	ug/l	97

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

