

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075257.D
 Acq On : 07 Feb 2023 11:44
 Operator : KP/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 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 03:26:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 03:23:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	59945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	87431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	32294	45.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.880%		
35) Dibromofluoromethane	7.810	113	32892	48.782	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.560%		
50) Toluene-d8	10.269	98	124141	48.548	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.100%		
62) 4-Bromofluorobenzene	12.575	95	41467	49.180	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	24448	50.742	ug/l	96
3) Chloromethane	2.146	50	42064	50.753	ug/l	98
4) Vinyl Chloride	2.281	62	47637	47.767	ug/l	99
5) Bromomethane	2.693	94	27427	42.984	ug/l	97
6) Chloroethane	2.840	64	31896	46.361	ug/l	96
7) Trichlorofluoromethane	3.175	101	59336	47.852	ug/l	96
8) Diethyl Ether	3.593	74	16458	49.373	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	34720	49.342	ug/l	99
10) Methyl Iodide	4.169	142	42618	49.960	ug/l	94
11) Tert butyl alcohol	5.046	59	9108	220.385	ug/l #	94
12) 1,1-Dichloroethene	3.946	96	32642	48.652	ug/l	98
13) Acrolein	3.799	56	4793	215.878	ug/l	88
14) Allyl chloride	4.563	41	52877	47.369	ug/l	92
15) Acrylonitrile	5.263	53	38477	251.594	ug/l	99
16) Acetone	4.022	43	50148	269.812	ug/l	96
17) Carbon Disulfide	4.275	76	97268	46.992	ug/l	98
18) Methyl Acetate	4.563	43	23946	48.369	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	76346	49.563	ug/l	96
20) Methylene Chloride	4.810	84	40435	51.862	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	37663	49.607	ug/l	97
22) Diisopropyl ether	6.216	45	112260	50.560	ug/l	97
23) Vinyl Acetate	6.157	43	177132m	241.512	ug/l	
24) 1,1-Dichloroethane	6.116	63	67745	48.938	ug/l	98
25) 2-Butanone	7.081	43	58592	254.418	ug/l	94
26) 2,2-Dichloropropane	7.075	77	60859	49.668	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	41529	48.892	ug/l	96
28) Bromochloromethane	7.428	49	17025	49.227	ug/l	91
29) Tetrahydrofuran	7.451	42	31383	253.064	ug/l	98
30) Chloroform	7.599	83	69644	48.879	ug/l	95
31) Cyclohexane	7.881	56	58523	46.888	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	63275	49.647	ug/l	98
36) 1,1-Dichloropropene	8.010	75	53431	50.870	ug/l	99
37) Ethyl Acetate	7.175	43	21330	46.563	ug/l	97
38) Carbon Tetrachloride	7.993	117	49950	51.321	ug/l	94
39) Methylcyclohexane	9.275	83	63941	52.593	ug/l	98
40) Benzene	8.251	78	149570	50.667	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	12566	39.770	ug/l	93
42) 1,2-Dichloroethane	8.328	62	42751	50.020	ug/l	99
43) Isopropyl Acetate	8.363	43	43480	49.674	ug/l	99
44) Trichloroethene	9.028	130	40965	50.341	ug/l	98
45) 1,2-Dichloropropane	9.304	63	37603	50.156	ug/l	94
46) Dibromomethane	9.393	93	20499	49.339	ug/l	98
47) Bromodichloromethane	9.581	83	52876	51.136	ug/l	92
48) Methyl methacrylate	9.381	41	21725	52.262	ug/l	90
49) 1,4-Dioxane	9.387	88	4158	1048.589	ug/l	94
51) 4-Methyl-2-Pentanone	10.163	43	115115	260.138	ug/l	94
52) Toluene	10.334	92	96772	52.045	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	46778	52.227	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	55978	52.274	ug/l	93
55) 1,1,2-Trichloroethane	10.734	97	27461	51.778	ug/l	95
56) Ethyl methacrylate	10.598	69	32989	53.504	ug/l	95
57) 1,3-Dichloropropane	10.881	76	46482	51.447	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	41223	230.169	ug/l	98
59) 2-Hexanone	10.922	43	86054	266.177	ug/l	97
60) Dibromochloromethane	11.075	129	34416	52.376	ug/l	100
61) 1,2-Dibromoethane	11.181	107	25930	50.704	ug/l	99
64) Tetrachloroethene	10.810	164	33434	49.651	ug/l	99
65) Chlorobenzene	11.610	112	98416	49.914	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.687	131	37063	51.630	ug/l	96
67) Ethyl Benzene	11.687	91	187248	51.439	ug/l	98
68) m/p-Xylenes	11.792	106	144572	104.408	ug/l	97
69) o-Xylene	12.122	106	66492	51.408	ug/l	94
70) Styrene	12.139	104	112696	51.437	ug/l	98
71) Bromoform	12.298	173	20143	52.239	ug/l #	94
73) Isopropylbenzene	12.422	105	182142	51.765	ug/l	98
74) N-amyl acetate	12.234	43	40307	50.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	30388	49.640	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	22692m	31.333	ug/l	
77) Bromobenzene	12.704	156	40263	50.533	ug/l	96
78) n-propylbenzene	12.763	91	228904	52.282	ug/l	98
79) 2-Chlorotoluene	12.851	91	122278	50.916	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	153364	52.347	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	7269	47.917	ug/l	94
82) 4-Chlorotoluene	12.951	91	127875	51.044	ug/l	100
83) tert-Butylbenzene	13.169	119	132449	52.439	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	152060	51.965	ug/l	98
85) sec-Butylbenzene	13.345	105	201352	51.965	ug/l	99
86) p-Isopropyltoluene	13.463	119	168661	53.211	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	82347	51.133	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	81036	50.288	ug/l	99
89) n-Butylbenzene	13.792	91	161242	52.107	ug/l	99
90) Hexachloroethane	14.057	117	31793	50.878	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	71079	50.868	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4891	51.511	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	44633	51.001	ug/l	99
94) Hexachlorobutadiene	15.204	225	24480	53.019	ug/l	99
95) Naphthalene	15.333	128	83509	51.268	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	38724	51.284	ug/l	99

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

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