

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075179.D
 Acq On : 23 Jan 2023 16:50
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 24 01:08:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	70654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	126616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	113931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39578	54.896	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.800%			
35) Dibromofluoromethane	7.810	113	40325	52.705	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.420%			
50) Toluene-d8	10.275	98	158219	52.521	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.040%			
62) 4-Bromofluorobenzene	12.575	95	50301	52.612	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	25487	46.058	ug/l	95
3) Chloromethane	2.146	50	42067	46.091	ug/l	95
4) Vinyl Chloride	2.281	62	43419	44.335	ug/l	99
5) Bromomethane	2.687	94	28682	43.064	ug/l	99
6) Chloroethane	2.834	64	31303	46.098	ug/l	95
7) Trichlorofluoromethane	3.175	101	61512	49.414	ug/l	100
8) Diethyl Ether	3.599	74	20481	51.063	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	39162	50.961	ug/l	95
10) Methyl Iodide	4.164	142	48142	46.538	ug/l	98
11) Tert butyl alcohol	5.058	59	11341	225.481	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	39616	48.969	ug/l	96
13) Acrolein	3.799	56	14574	364.501	ug/l	95
14) Allyl chloride	4.564	41	63916	48.681	ug/l	96
15) Acrylonitrile	5.252	53	48877	288.195	ug/l	97
16) Acetone	4.022	43	55624	292.523	ug/l	98
17) Carbon Disulfide	4.275	76	129199	49.238	ug/l	100
18) Methyl Acetate	4.569	43	28448	55.040	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	91226	53.981	ug/l	91
20) Methylene Chloride	4.805	84	49657	50.158	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	46118	51.207	ug/l	99
22) Diisopropyl ether	6.222	45	130465	53.388	ug/l	94
23) Vinyl Acetate	6.158	43	268161m	248.983	ug/l	
24) 1,1-Dichloroethane	6.116	63	80759	52.588	ug/l	100
25) 2-Butanone	7.081	43	66380	288.833	ug/l	95
26) 2,2-Dichloropropane	7.081	77	64160	46.867	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	50862	51.809	ug/l	98
28) Bromochloromethane	7.428	49	21385	51.003	ug/l	98
29) Tetrahydrofuran	7.446	42	38451	293.338	ug/l	99
30) Chloroform	7.599	83	80516	52.576	ug/l	94
31) Cyclohexane	7.875	56	70596	48.823	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	68993	52.293	ug/l	98
36) 1,1-Dichloropropene	8.010	75	61413	49.958	ug/l	100
37) Ethyl Acetate	7.169	43	25681	51.855	ug/l	99
38) Carbon Tetrachloride	7.999	117	51292	49.557	ug/l	98
39) Methylcyclohexane	9.275	83	75690	49.963	ug/l	99
40) Benzene	8.252	78	179155	51.104	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	17150	57.550	ug/l #	80
42) 1,2-Dichloroethane	8.328	62	48664	52.847	ug/l	97
43) Isopropyl Acetate	8.363	43	50751	52.659	ug/l	99
44) Trichloroethene	9.034	130	47956	48.646	ug/l	99
45) 1,2-Dichloropropane	9.310	63	44672	51.730	ug/l	99
46) Dibromomethane	9.399	93	24076	52.865	ug/l	93
47) Bromodichloromethane	9.587	83	58551	51.821	ug/l	97
48) Methyl methacrylate	9.381	41	25158	53.382	ug/l	97
49) 1,4-Dioxane	9.387	88	4483	1031.098	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	129974	280.838	ug/l	98
52) Toluene	10.334	92	111776	50.454	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	54599	51.077	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	67178	51.439	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	32022	53.131	ug/l	96
56) Ethyl methacrylate	10.599	69	40048	55.253	ug/l	99
57) 1,3-Dichloropropane	10.881	76	54477	52.601	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	61927	249.688	ug/l	100
59) 2-Hexanone	10.922	43	95272	284.702	ug/l	100
60) Dibromochloromethane	11.081	129	37860	52.116	ug/l	99
61) 1,2-Dibromoethane	11.181	107	30595	53.130	ug/l	98
64) Tetrachloroethene	10.810	164	38070	46.793	ug/l	94
65) Chlorobenzene	11.610	112	115799	49.602	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	39069	49.754	ug/l	99
67) Ethyl Benzene	11.687	91	211581	50.349	ug/l	99
68) m/p-Xylenes	11.798	106	164551	101.364	ug/l	98
69) o-Xylene	12.122	106	77849	51.124	ug/l	100
70) Styrene	12.140	104	129841	51.293	ug/l	99
71) Bromoform	12.304	173	21490	52.999	ug/l #	94
73) Isopropylbenzene	12.428	105	203008	48.120	ug/l	99
74) N-amyl acetate	12.234	43	45993	49.768	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	35698	53.108	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	27811m	61.482	ug/l	
77) Bromobenzene	12.704	156	45062	46.763	ug/l	97
78) n-propylbenzene	12.769	91	252557	48.717	ug/l	99
79) 2-Chlorotoluene	12.857	91	137018	48.055	ug/l	100
80) 1,3,5-Trimethylbenzene	12.910	105	167691	48.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	9916	50.848	ug/l	98
82) 4-Chlorotoluene	12.951	91	141799	48.371	ug/l	100
83) tert-Butylbenzene	13.169	119	147966	49.475	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	164731	48.529	ug/l	100
85) sec-Butylbenzene	13.351	105	221352	48.722	ug/l	98
86) p-Isopropyltoluene	13.463	119	179615	48.290	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	89542	47.937	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	88542	48.178	ug/l	98
89) n-Butylbenzene	13.792	91	176690	48.749	ug/l	99
90) Hexachloroethane	14.057	117	31100	47.349	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	79346	49.651	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5018	48.825	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	48845	46.546	ug/l	99
94) Hexachlorobutadiene	15.210	225	23422	45.542	ug/l	99
95) Naphthalene	15.339	128	98379	47.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	41524	46.373	ug/l	99

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

