

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075191.D
 Acq On : 24 Jan 2023 17:09
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/26/2023

Quant Time: Jan 25 00:33:57 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	7.875	168	67829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	124491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	50862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37468	54.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.260%			
35) Dibromofluoromethane	7.804	113	38723	51.476	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.960%			
50) Toluene-d8	10.269	98	156558	52.857	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.720%			
62) 4-Bromofluorobenzene	12.575	95	48420	51.509	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26236	49.649	ug/l	97
3) Chloromethane	2.146	50	40806	46.572	ug/l	98
4) Vinyl Chloride	2.281	62	44044	46.846	ug/l	96
5) Bromomethane	2.693	94	29648	46.368	ug/l	99
6) Chloroethane	2.834	64	31022	47.587	ug/l	96
7) Trichlorofluoromethane	3.175	101	60784	50.863	ug/l	96
8) Diethyl Ether	3.599	74	19877	51.622	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.969	101	38453	52.123	ug/l	98
10) Methyl Iodide	4.163	142	45312	45.627	ug/l	97
11) Tert butyl alcohol	5.040	59	9617	199.168	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	39681	51.092	ug/l	94
13) Acrolein	3.799	56	10562	267.245	ug/l	97
14) Allyl chloride	4.563	41	63885	50.684	ug/l	95
15) Acrylonitrile	5.252	53	44402	272.713	ug/l	98
16) Acetone	4.016	43	49927	273.498	ug/l	99
17) Carbon Disulfide	4.269	76	128398	50.971	ug/l	99
18) Methyl Acetate	4.563	43	26448	53.301	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	85844	52.912	ug/l	98
20) Methylene Chloride	4.799	84	51523	54.964	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	45065	52.122	ug/l	97
22) Diisopropyl ether	6.222	45	126563	53.949	ug/l	95
23) Vinyl Acetate	6.152	43	294477	284.804	ug/l	97
24) 1,1-Dichloroethane	6.116	63	78566	53.290	ug/l	99
25) 2-Butanone	7.081	43	59909	271.533	ug/l	93
26) 2,2-Dichloropropane	7.081	77	64309	48.932	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	49333	52.344	ug/l	98
28) Bromochloromethane	7.422	49	21262	52.822	ug/l	94
29) Tetrahydrofuran	7.446	42	34548	274.540	ug/l	99
30) Chloroform	7.599	83	77956	53.025	ug/l	98
31) Cyclohexane	7.875	56	70937	51.102	ug/l	94
32) 1,1,1-Trichloroethane	7.799	97	66813	52.749	ug/l	100
36) 1,1-Dichloropropene	8.010	75	60184	49.794	ug/l	99
37) Ethyl Acetate	7.169	43	24368	50.044	ug/l	97
38) Carbon Tetrachloride	7.993	117	52885	51.968	ug/l	97
39) Methylcyclohexane	9.275	83	75691	50.817	ug/l	99
40) Benzene	8.252	78	175155	50.816	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14406	49.167	ug/l	91
42) 1,2-Dichloroethane	8.328	62	46696	51.575	ug/l	99
43) Isopropyl Acetate	8.363	43	45954	48.496	ug/l	100
44) Trichloroethene	9.028	130	46393	47.864	ug/l	90
45) 1,2-Dichloropropane	9.304	63	43276	50.969	ug/l	99
46) Dibromomethane	9.393	93	22853	51.036	ug/l	93
47) Bromodichloromethane	9.581	83	56424	50.791	ug/l	97
48) Methyl methacrylate	9.381	41	23102	49.856	ug/l	98
49) 1,4-Dioxane	9.393	88	3876	906.704	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	117826	258.935	ug/l	100
52) Toluene	10.334	92	111300	51.097	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	53611	51.009	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	65705	51.170	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	29857	50.384	ug/l	96
56) Ethyl methacrylate	10.598	69	36309	50.950	ug/l	99
57) 1,3-Dichloropropane	10.881	76	53718	52.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	64889	266.097	ug/l	99
59) 2-Hexanone	10.922	43	86191	261.962	ug/l	98
60) Dibromochloromethane	11.075	129	36392	50.950	ug/l	99
61) 1,2-Dibromoethane	11.181	107	28527	50.384	ug/l	99
64) Tetrachloroethene	10.810	164	37139	47.361	ug/l	93
65) Chlorobenzene	11.610	112	111664	49.625	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	38274	50.569	ug/l	96
67) Ethyl Benzene	11.681	91	206499	50.983	ug/l	99
68) m/p-Xylenes	11.793	106	161254	103.059	ug/l	98
69) o-Xylene	12.122	106	75385	51.362	ug/l	100
70) Styrene	12.140	104	125351	51.376	ug/l	99
71) Bromoform	12.298	173	19730	50.484	ug/l #	98
73) Isopropylbenzene	12.422	105	198563	49.424	ug/l	98
74) N-amyl acetate	12.234	43	42061	47.793	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	32838	51.301	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	23718m	55.060	ug/l	
77) Bromobenzene	12.704	156	42836	46.680	ug/l	95
78) n-propylbenzene	12.763	91	246713	49.973	ug/l	99
79) 2-Chlorotoluene	12.851	91	131874	48.568	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	164603	50.008	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	9205	49.567	ug/l	94
82) 4-Chlorotoluene	12.951	91	135528	48.547	ug/l	98
83) tert-Butylbenzene	13.169	119	141472	49.674	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	162184	50.172	ug/l	99
85) sec-Butylbenzene	13.345	105	217878	50.359	ug/l	99
86) p-Isopropyltoluene	13.463	119	178408	50.368	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	86926	48.867	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	85211	48.688	ug/l	99
89) n-Butylbenzene	13.787	91	174989	50.698	ug/l	99
90) Hexachloroethane	14.057	117	31604	50.527	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	75998	49.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4695	47.971	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	45211	45.241	ug/l	98
94) Hexachlorobutadiene	15.210	225	22893	46.743	ug/l	99
95) Naphthalene	15.333	128	90824	45.654	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	39652	46.501	ug/l	99

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

