

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074879.D
 Acq On : 10 Nov 2022 20:29
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/11/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 07:19:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	135839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	202278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	190326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	93270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51483	47.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.700%		
35) Dibromofluoromethane	7.804	113	70999	59.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	118.680%		
50) Toluene-d8	10.269	98	231218	52.975	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	105.940%		
62) 4-Bromofluorobenzene	12.574	95	72331	57.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	114.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	50540	45.301	ug/l	100
3) Chloromethane	2.146	50	88409	49.658	ug/l	96
4) Vinyl Chloride	2.281	62	103204	52.860	ug/l	97
5) Bromomethane	2.687	94	78156	52.833	ug/l	99
6) Chloroethane	2.834	64	77172	57.027	ug/l	98
7) Trichlorofluoromethane	3.169	101	121345	53.498	ug/l	98
8) Diethyl Ether	3.593	74	36958	55.775	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	77431	53.740	ug/l	100
10) Methyl Iodide	4.157	142	83104	45.083	ug/l	99
11) Tert butyl alcohol	5.057	59	17704	116.289	ug/l #	88
12) 1,1-Dichloroethene	3.934	96	77327	52.840	ug/l	91
13) Acrolein	3.793	56	10342	139.670	ug/l	95
14) Allyl chloride	4.563	41	82178	53.074	ug/l	99
15) Acrylonitrile	5.251	53	72453	276.706	ug/l	99
16) Acetone	4.016	43	50957	226.964	ug/l	96
17) Carbon Disulfide	4.269	76	220418	49.949	ug/l	97
18) Methyl Acetate	4.563	43	32827	48.351	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	159654	57.365	ug/l	99
20) Methylene Chloride	4.793	84	108311	58.522	ug/l	95
21) trans-1,2-Dichloroethene	5.304	96	88294	54.896	ug/l	90
22) Diisopropyl ether	6.216	45	191683	59.981	ug/l #	95
23) Vinyl Acetate	6.151	43	448622	330.176	ug/l	98
24) 1,1-Dichloroethane	6.110	63	136933	56.021	ug/l	99
25) 2-Butanone	7.087	43	76565	248.025	ug/l	98
26) 2,2-Dichloropropane	7.081	77	119978	53.344	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	100034	56.382	ug/l	98
28) Bromochloromethane	7.428	49	45452	58.923	ug/l	97
29) Tetrahydrofuran	7.445	42	49388	278.965	ug/l	97
30) Chloroform	7.592	83	149848	57.385	ug/l	99
31) Cyclohexane	7.875	56	106158	48.736	ug/l	95
32) 1,1,1-Trichloroethane	7.792	97	127931	55.458	ug/l	98
36) 1,1-Dichloropropene	8.004	75	98041	53.980	ug/l	100
37) Ethyl Acetate	7.163	43	38675	63.834	ug/l	98
38) Carbon Tetrachloride	7.992	117	92415	53.707	ug/l	97
39) Methylcyclohexane	9.275	83	118020	53.409	ug/l	96
40) Benzene	8.251	78	299784	55.843	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	16507	46.557	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	72056	58.385	ug/l	99
43) Isopropyl Acetate	8.363	43	61485	54.539	ug/l	98
44) Trichloroethene	9.028	130	81298	53.155	ug/l	98
45) 1,2-Dichloropropane	9.304	63	69690	58.697	ug/l	95
46) Dibromomethane	9.392	93	39923	58.025	ug/l	94
47) Bromodichloromethane	9.586	83	98030	59.180	ug/l	97
48) Methyl methacrylate	9.381	41	29297	58.317	ug/l	95
49) 1,4-Dioxane	9.381	88	7702	1110.013	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	166060	303.752	ug/l	98
52) Toluene	10.333	92	196020	59.638	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	91439	62.414	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	110633	60.180	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	56858	60.829	ug/l	97
56) Ethyl methacrylate	10.598	69	65007	62.204	ug/l	97
57) 1,3-Dichloropropane	10.880	76	91593	60.825	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	116688	393.226	ug/l	98
59) 2-Hexanone	10.922	43	109867	292.147	ug/l	98
60) Dibromochloromethane	11.075	129	69211	62.024	ug/l	97
61) 1,2-Dibromoethane	11.180	107	53665	60.924	ug/l	99
64) Tetrachloroethene	10.810	164	69440	51.647	ug/l	96
65) Chlorobenzene	11.610	112	207654	55.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	72866	56.980	ug/l	97
67) Ethyl Benzene	11.686	91	368682	55.198	ug/l	98
68) m/p-Xylenes	11.792	106	296026	111.634	ug/l	99
69) o-Xylene	12.122	106	138662	56.879	ug/l	96
70) Styrene	12.133	104	240566	58.246	ug/l	98
71) Bromoform	12.298	173	38900	56.802	ug/l #	96
73) Isopropylbenzene	12.422	105	362208	53.154	ug/l	99
74) N-amyl acetate	12.233	43	59566	53.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.674	83	62986	55.008	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	40729m	56.331	ug/l	
77) Bromobenzene	12.698	156	83111	52.969	ug/l	95
78) n-propylbenzene	12.763	91	436833	53.512	ug/l	99
79) 2-Chlorotoluene	12.851	91	234344	53.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	298761	53.738	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	17597	57.772	ug/l	94
82) 4-Chlorotoluene	12.945	91	246418	53.898	ug/l	99
83) tert-Butylbenzene	13.169	119	258354	52.732	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	299041	54.513	ug/l	97
85) sec-Butylbenzene	13.345	105	396491	53.640	ug/l	100
86) p-Isopropyltoluene	13.463	119	329842	52.985	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	171277	52.646	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	166180	51.959	ug/l	99
89) n-Butylbenzene	13.786	91	301029	52.873	ug/l	98
90) Hexachloroethane	14.051	117	57444	53.822	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	146161	52.745	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8157	51.535	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	87755	51.290	ug/l	98
94) Hexachlorobutadiene	15.204	225	46621	52.087	ug/l	97
95) Naphthalene	15.333	128	169118	51.461	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	79224	52.622	ug/l	100

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

