

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075021.D
 Acq On : 14 Dec 2022 15:44
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121422

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 03:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:27:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	215413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	310059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66712	44.997	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.000%		
35) Dibromofluoromethane	7.805	113	89227	40.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.000%		
50) Toluene-d8	10.269	98	299866	43.858	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.720%		
62) 4-Bromofluorobenzene	12.575	95	87712	39.955	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	52263	46.062	ug/l	99
3) Chloromethane	2.146	50	97626	46.762	ug/l	98
4) Vinyl Chloride	2.281	62	115824	48.189	ug/l	99
5) Bromomethane	2.681	94	79672	48.485	ug/l	99
6) Chloroethane	2.828	64	85932	44.573	ug/l	95
7) Trichlorofluoromethane	3.170	101	139277	43.886	ug/l	94
8) Diethyl Ether	3.593	74	43646	46.009	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	91794	44.390	ug/l	100
10) Methyl Iodide	4.158	142	83327	47.552	ug/l	99
11) Tert butyl alcohol	5.058	59	25584	211.009	ug/l	100
12) 1,1-Dichloroethene	3.934	96	89943	45.406	ug/l	95
13) Acrolein	3.793	56	47461	223.621	ug/l	100
14) Allyl chloride	4.558	41	105493	46.597	ug/l	100
15) Acrylonitrile	5.258	53	92395	230.803	ug/l	98
16) Acetone	4.022	43	102768	256.885	ug/l	94
17) Carbon Disulfide	4.264	76	198828	46.875	ug/l	99
18) Methyl Acetate	4.564	43	42043	44.924	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	201268	47.766	ug/l	98
20) Methylene Chloride	4.799	84	118902	51.099	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	100397	46.482	ug/l	90
22) Diisopropyl ether	6.216	45	246378	47.564	ug/l	99
23) Vinyl Acetate	6.152	43	581550m	251.536	ug/l	
24) 1,1-Dichloroethane	6.111	63	170022	46.252	ug/l	99
25) 2-Butanone	7.081	43	117796	233.786	ug/l	97
26) 2,2-Dichloropropane	7.075	77	157738	45.658	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	118428	46.384	ug/l	99
28) Bromochloromethane	7.416	49	54610	46.457	ug/l	99
29) Tetrahydrofuran	7.440	42	61582	228.338	ug/l	98
30) Chloroform	7.593	83	186149	46.436	ug/l	100
31) Cyclohexane	7.875	56	122022	44.278	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	158774	46.297	ug/l	98
36) 1,1-Dichloropropene	8.005	75	129357	44.140	ug/l	99
37) Ethyl Acetate	7.163	43	46543	40.583	ug/l	99
38) Carbon Tetrachloride	7.987	117	125283	45.697	ug/l	98
39) Methylcyclohexane	9.269	83	145138	48.645	ug/l	98
40) Benzene	8.246	78	393937	44.755	ug/l	97

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41) Methacrylonitrile	7.399	41	30360	48.943	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	94860	44.914	ug/l	99
43) Isopropyl Acetate	8.357	43	87825	45.653	ug/l	98
44) Trichloroethene	9.028	130	114808	49.841	ug/l	95
45) 1,2-Dichloropropane	9.304	63	96700	48.457	ug/l	96
46) Dibromomethane	9.393	93	54384	50.162	ug/l	98
47) Bromodichloromethane	9.581	83	139268	50.603	ug/l	98
48) Methyl methacrylate	9.381	41	39179	46.393	ug/l	98
49) 1,4-Dioxane	9.381	88	12287	1012.492	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	235122	244.523	ug/l	99
52) Toluene	10.334	92	261122	50.210	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	126401	49.831	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	154593	50.236	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	78701	49.712	ug/l	96
56) Ethyl methacrylate	10.599	69	88322	50.819	ug/l	99
57) 1,3-Dichloropropane	10.881	76	125827	49.063	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	178281	252.433	ug/l	99
59) 2-Hexanone	10.922	43	175868	251.144	ug/l	99
60) Dibromochloromethane	11.075	129	93437	50.529	ug/l	99
61) 1,2-Dibromoethane	11.181	107	72164	50.497	ug/l	100
64) Tetrachloroethene	10.810	164	91102	50.537	ug/l	95
65) Chlorobenzene	11.610	112	244311	42.911	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84294	42.118	ug/l	99
67) Ethyl Benzene	11.687	91	423568	43.060	ug/l	99
68) m/p-Xylenes	11.793	106	332259	86.079	ug/l	99
69) o-Xylene	12.122	106	153159	41.888	ug/l	99
70) Styrene	12.134	104	272197	43.314	ug/l	99
71) Bromoform	12.298	173	42397	41.214	ug/l #	99
73) Isopropylbenzene	12.422	105	416082	51.443	ug/l	99
74) N-amyl acetate	12.234	43	72701	51.435	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	72871	50.121	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	48915m	45.929	ug/l	
77) Bromobenzene	12.704	156	93274	50.687	ug/l	100
78) n-propylbenzene	12.763	91	507778	51.278	ug/l	100
79) 2-Chlorotoluene	12.851	91	274034	50.797	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	339860	50.833	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21585	51.651	ug/l	98
82) 4-Chlorotoluene	12.945	91	281671	50.354	ug/l	100
83) tert-Butylbenzene	13.169	119	296307	51.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	337025	50.838	ug/l	100
85) sec-Butylbenzene	13.345	105	457482	51.054	ug/l	99
86) p-Isopropyltoluene	13.463	119	378324	50.668	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	189852	48.813	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	188191	49.026	ug/l	100
89) n-Butylbenzene	13.792	91	357436	51.206	ug/l	100
90) Hexachloroethane	14.057	117	65855	49.637	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	161674	48.699	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	9450	49.072	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	100813	49.269	ug/l	100
94) Hexachlorobutadiene	15.210	225	52362	49.696	ug/l	97
95) Naphthalene	15.334	128	193743	50.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	85790	49.434	ug/l	99

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

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