

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122222\
 Data File : VD075044.D
 Acq On : 22 Dec 2022 12:20
 Operator : KP/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 22 14:13:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 22 14:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	153480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	272962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75407	50.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.360%	
35) Dibromofluoromethane	7.804	113	79570	49.790	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.580%	
50) Toluene-d8	10.269	98	318860	48.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	12.575	95	102905	48.303	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	32803	40.625	ug/l	96
3) Chloromethane	2.146	50	60521	41.870	ug/l	98
4) Vinyl Chloride	2.275	62	55389	46.514	ug/l	100
5) Bromomethane	2.681	94	26377	44.492	ug/l	99
6) Chloroethane	2.828	64	36148	49.204	ug/l	99
7) Trichlorofluoromethane	3.169	101	85276	44.641	ug/l	93
8) Diethyl Ether	3.587	74	35495	47.047	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.963	101	61481	44.887	ug/l	98
10) Methyl Iodide	4.158	142	54672	50.445	ug/l	98
11) Tert butyl alcohol	5.058	59	28929	204.669	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	59249	43.880	ug/l #	85
13) Acrolein	3.793	56	40748	210.603	ug/l	97
14) Allyl chloride	4.558	41	110890	47.065	ug/l #	91
15) Acrylonitrile	5.252	53	95176	243.141	ug/l	99
16) Acetone	4.022	43	104216	271.016	ug/l	99
17) Carbon Disulfide	4.269	76	113935	40.816	ug/l	98
18) Methyl Acetate	4.563	43	45824	41.113	ug/l #	88
19) Methyl tert-butyl Ether	5.316	73	172785	47.774	ug/l #	90
20) Methylene Chloride	4.799	84	88017	36.306	ug/l #	83
21) trans-1,2-Dichloroethene	5.310	96	65926	44.280	ug/l #	85
22) Diisopropyl ether	6.216	45	238676	46.910	ug/l #	93
23) Vinyl Acetate	6.157	43	605971	251.691	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	135557	46.167	ug/l	97
25) 2-Butanone	7.087	43	129845	243.299	ug/l #	82
26) 2,2-Dichloropropane	7.075	77	119290	44.827	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	87671	45.837	ug/l	90
28) Bromochloromethane	7.422	49	49291	47.548	ug/l #	77
29) Tetrahydrofuran	7.446	42	71733	230.221	ug/l #	84
30) Chloroform	7.599	83	136111	46.719	ug/l	98
31) Cyclohexane	7.875	56	98845	39.552	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	112420	45.784	ug/l	95
36) 1,1-Dichloropropene	8.004	75	92661	44.614	ug/l	98
37) Ethyl Acetate	7.169	43	49018	47.740	ug/l	97
38) Carbon Tetrachloride	7.993	117	83894	46.922	ug/l	98
39) Methylcyclohexane	9.275	83	109093	42.879	ug/l	92
40) Benzene	8.251	78	291677	45.539	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30337	46.759	ug/l	91
42) 1,2-Dichloroethane	8.328	62	77362	47.956	ug/l	99
43) Isopropyl Acetate	8.363	43	100674	47.156	ug/l #	90
44) Trichloroethene	9.028	130	79318	45.945	ug/l	97
45) 1,2-Dichloropropane	9.304	63	80387	46.457	ug/l	93
46) Dibromomethane	9.393	93	40001	47.323	ug/l	99
47) Bromodichloromethane	9.587	83	105804	47.764	ug/l	100
48) Methyl methacrylate	9.381	41	45049	46.076	ug/l	87
49) 1,4-Dioxane	9.387	88	10721	969.092	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	256033	239.969	ug/l	92
52) Toluene	10.334	92	183070	44.848	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	105114	47.715	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	125002	47.134	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	59856	47.664	ug/l	97
56) Ethyl methacrylate	10.598	69	79274	46.139	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	101098	47.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	167078	245.646	ug/l	94
59) 2-Hexanone	10.922	43	191099	247.337	ug/l	92
60) Dibromochloromethane	11.075	129	68985	48.122	ug/l	99
61) 1,2-Dibromoethane	11.181	107	54020	47.492	ug/l	98
64) Tetrachloroethene	10.810	164	60525	43.681	ug/l	96
65) Chlorobenzene	11.610	112	200337	46.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	70765	47.350	ug/l	98
67) Ethyl Benzene	11.687	91	356748	45.264	ug/l	99
68) m/p-Xylenes	11.792	106	269838	90.254	ug/l	99
69) o-Xylene	12.122	106	133388	45.512	ug/l	99
70) Styrene	12.134	104	225768	46.216	ug/l	97
71) Bromoform	12.298	173	39659	49.398	ug/l #	98
73) Isopropylbenzene	12.422	105	348300	45.089	ug/l	99
74) N-amyl acetate	12.234	43	89936	45.512	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	66056	46.107	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	47144m	44.581	ug/l	
77) Bromobenzene	12.704	156	75925	46.346	ug/l	90
78) n-propylbenzene	12.763	91	422089	44.578	ug/l	100
79) 2-Chlorotoluene	12.851	91	233989	45.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	279156	44.792	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	21320	46.816	ug/l	93
82) 4-Chlorotoluene	12.945	91	240346	44.671	ug/l	96
83) tert-Butylbenzene	13.169	119	248805	45.136	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	272570	44.896	ug/l	99
85) sec-Butylbenzene	13.345	105	377210	44.756	ug/l	99
86) p-Isopropyltoluene	13.463	119	299716	44.791	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	145523	45.478	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	146066	45.586	ug/l	98
89) n-Butylbenzene	13.786	91	296356	44.201	ug/l	99
90) Hexachloroethane	14.057	117	54176	45.620	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	132634	46.692	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	10102	49.701	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	86493	47.635	ug/l	97
94) Hexachlorobutadiene	15.210	225	41683	45.730	ug/l	99
95) Naphthalene	15.333	128	188441	48.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	75051	47.610	ug/l	97

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

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