

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075030.D
 Acq On : 15 Dec 2022 16:40
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD121522

Quant Time: Dec 16 05:34:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	163594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	286230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	119179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74802	53.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.100%
35) Dibromofluoromethane	7.804	113	87798	47.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.580%
50) Toluene-d8	10.269	98	370427	55.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.300%
62) 4-Bromofluorobenzene	12.575	95	108631	54.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	47567	44.709	ug/l	99
3) Chloromethane	2.146	50	79067	51.812	ug/l	100
4) Vinyl Chloride	2.281	62	103357	48.632	ug/l	97
5) Bromomethane	2.693	94	86891	49.817	ug/l	99
6) Chloroethane	2.834	64	80652	51.160	ug/l	100
7) Trichlorofluoromethane	3.175	101	131335	49.441	ug/l	98
8) Diethyl Ether	3.593	74	39919	52.173	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	87818	50.434	ug/l	97
10) Methyl Iodide	4.163	142	102260	54.843	ug/l	100
11) Tert butyl alcohol	5.058	59	20083	215.829	ug/l #	90
12) 1,1-Dichloroethene	3.940	96	84171	51.784	ug/l	95
13) Acrolein	3.793	56	41736	250.245	ug/l	97
14) Allyl chloride	4.563	41	98814	53.367	ug/l	99
15) Acrylonitrile	5.258	53	85722	263.928	ug/l	100
16) Acetone	4.022	43	89148	273.430	ug/l	97
17) Carbon Disulfide	4.275	76	183451	51.168	ug/l	99
18) Methyl Acetate	4.563	43	37907	42.290	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	185298	54.089	ug/l	98
20) Methylene Chloride	4.810	84	119914	54.960	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	95110	52.802	ug/l	94
22) Diisopropyl ether	6.216	45	235463	56.133	ug/l	99
23) Vinyl Acetate	6.157	43	453142	277.663	ug/l	99
24) 1,1-Dichloroethane	6.116	63	159820	51.986	ug/l	99
25) 2-Butanone	7.081	43	105913	264.767	ug/l	99
26) 2,2-Dichloropropane	7.081	77	145666	51.838	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	114708	54.028	ug/l	99
28) Bromochloromethane	7.428	49	50171	53.504	ug/l	98
29) Tetrahydrofuran	7.446	42	55383	268.745	ug/l	99
30) Chloroform	7.599	83	178015	55.636	ug/l	98
31) Cyclohexane	7.881	56	98269	47.027	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	126762	46.732	ug/l	98
36) 1,1-Dichloropropene	8.010	75	103346	48.623	ug/l	99
37) Ethyl Acetate	7.175	43	42440	51.463	ug/l	97
38) Carbon Tetrachloride	7.993	117	95920	49.093	ug/l	95
39) Methylcyclohexane	9.275	83	116013	48.491	ug/l	95
40) Benzene	8.251	78	313826	48.485	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24978	51.906	ug/l	98
42) 1,2-Dichloroethane	8.328	62	75693	47.748	ug/l	100
43) Isopropyl Acetate	8.363	43	68694	48.629	ug/l	98
44) Trichloroethene	9.034	130	87968	48.064	ug/l	95
45) 1,2-Dichloropropane	9.304	63	80682	50.598	ug/l	96
46) Dibromomethane	9.393	93	42194	47.927	ug/l	97
47) Bromodichloromethane	9.587	83	111128	49.319	ug/l	95
48) Methyl methacrylate	9.381	41	30595	46.037	ug/l	91
49) 1,4-Dioxane	9.381	88	8507	1011.343	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	184707	253.956	ug/l	100
52) Toluene	10.334	92	210226	51.039	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	96094	49.894	ug/l	100
54) cis-1,3-Dichloropropene	10.022	75	122957	50.503	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	61858	49.824	ug/l	96
56) Ethyl methacrylate	10.598	69	68861	50.712	ug/l	98
57) 1,3-Dichloropropane	10.881	76	100651	50.140	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	112138	239.986	ug/l	100
59) 2-Hexanone	10.922	43	136213	259.772	ug/l	99
60) Dibromochloromethane	11.075	129	73550	50.893	ug/l	100
61) 1,2-Dibromoethane	11.181	107	55409	49.672	ug/l	98
64) Tetrachloroethene	10.810	164	70925	46.896	ug/l	98
65) Chlorobenzene	11.610	112	230468	49.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	82216	49.037	ug/l	98
67) Ethyl Benzene	11.687	91	412314	51.112	ug/l	98
68) m/p-Xylenes	11.792	106	324391	101.879	ug/l	99
69) o-Xylene	12.122	106	151411	51.046	ug/l	99
70) Styrene	12.134	104	262077	50.995	ug/l	99
71) Bromoform	12.298	173	41746	49.806	ug/l #	100
73) Isopropylbenzene	12.422	105	408140	51.421	ug/l	100
74) N-amyl acetate	12.234	43	65796	49.525	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	68431	48.604	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	47695m	48.045	ug/l	
77) Bromobenzene	12.704	156	89248	49.497	ug/l	99
78) n-propylbenzene	12.763	91	492847	51.020	ug/l	100
79) 2-Chlorotoluene	12.851	91	267575	50.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	335209	51.206	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	17435	46.939	ug/l	99
82) 4-Chlorotoluene	12.951	91	278588	50.551	ug/l	100
83) tert-Butylbenzene	13.169	119	292216	51.590	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	333118	51.626	ug/l	100
85) sec-Butylbenzene	13.345	105	453228	51.487	ug/l	99
86) p-Isopropyltoluene	13.463	119	373675	51.163	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	186068	48.733	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	183152	49.160	ug/l	99
89) n-Butylbenzene	13.786	91	353412	51.670	ug/l	99
90) Hexachloroethane	14.057	117	65100	49.317	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	159280	49.161	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8978	47.908	ug/l	94
93) 1,2,4-Trichlorobenzene	15.104	180	98614	49.964	ug/l	98
94) Hexachlorobutadiene	15.210	225	52290	49.328	ug/l	97
95) Naphthalene	15.333	128	183192	50.243	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	85028	49.818	ug/l	98

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

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