

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076334.D
 Acq On : 06 Jun 2023 12:01
 Operator : KP/SY
 Sample : VS0606SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VS0606SBS01

Quant Time: Jun 07 06:10:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	216906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	329444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	164394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99319	51.104	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.200%
35) Dibromofluoromethane	7.805	113	117349	51.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.269	98	473690	52.436	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.575	95	127638	53.390	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.780%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	41419	19.718	ug/l	97
3) Chloromethane	2.146	50	78303	19.400	ug/l	96
4) Vinyl Chloride	2.281	62	102735	19.393	ug/l	97
5) Bromomethane	2.675	94	69329	20.171	ug/l	98
6) Chloroethane	2.828	64	69081	19.460	ug/l	98
7) Trichlorofluoromethane	3.170	101	69070	19.637	ug/l	98
8) Diethyl Ether	3.593	74	21965	19.144	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	45079	20.037	ug/l	98
10) Methyl Iodide	4.158	142	58771	18.771	ug/l	100
11) Tert butyl alcohol	5.058	59	10841	99.810	ug/l #	93
12) 1,1-Dichloroethene	3.934	96	47216	19.770	ug/l	98
13) Acrolein	3.799	56	23073	97.640	ug/l	98
14) Allyl chloride	4.558	41	46435	19.787	ug/l	96
15) Acrylonitrile	5.258	53	45175	98.601	ug/l	99
16) Acetone	4.022	43	31872	89.535	ug/l	94
17) Carbon Disulfide	4.264	76	151506	19.019	ug/l	95
18) Methyl Acetate	4.564	43	28731	19.033	ug/l	97
19) Methyl tert-butyl Ether	5.317	73	84646	19.237	ug/l	100
20) Methylene Chloride	4.793	84	63125	18.331	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	52533	18.982	ug/l	97
22) Diisopropyl ether	6.216	45	102506	19.641	ug/l	97
23) Vinyl Acetate	6.152	43	184236	93.825	ug/l	97
24) 1,1-Dichloroethane	6.111	63	81601	19.145	ug/l	99
25) 2-Butanone	7.081	43	44271	89.815	ug/l	97
26) 2,2-Dichloropropane	7.069	77	69687	19.744	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	56145	18.779	ug/l	98
28) Bromochloromethane	7.422	49	24634	21.450	ug/l	100
29) Tetrahydrofuran	7.446	42	26283	90.381	ug/l	96
30) Chloroform	7.599	83	88850	19.862	ug/l	92
31) Cyclohexane	7.881	56	64055	19.631	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	69360	19.471	ug/l	100
36) 1,1-Dichloropropene	8.005	75	64784	19.873	ug/l	98
37) Ethyl Acetate	7.169	43	20258	18.836	ug/l	98
38) Carbon Tetrachloride	7.993	117	56473	19.762	ug/l	94
39) Methylcyclohexane	9.269	83	71977	19.324	ug/l	99
40) Benzene	8.246	78	204574	19.839	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	11284	20.593	ug/l	96
42) 1,2-Dichloroethane	8.328	62	46271	19.428	ug/l	99
43) Isopropyl Acetate	8.363	43	37161	19.280	ug/l #	77
44) Trichloroethene	9.022	130	55746	19.334	ug/l	93
45) 1,2-Dichloropropane	9.305	63	47396	19.584	ug/l	99
46) Dibromomethane	9.393	93	26226	19.144	ug/l	99
47) Bromodichloromethane	9.587	83	64579	20.108	ug/l	96
48) Methyl methacrylate	9.381	41	14885	17.047	ug/l #	91
49) 1,4-Dioxane	9.387	88	5611	373.691	ug/l	88
51) 4-Methyl-2-Pentanone	10.157	43	98002	96.460	ug/l	97
52) Toluene	10.334	92	128970	20.338	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	58717	19.700	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	72973	19.812	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	37406	19.284	ug/l #	95
56) Ethyl methacrylate	10.599	69	36846	18.624	ug/l	97
57) 1,3-Dichloropropane	10.881	76	60003	19.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	84032	101.164	ug/l	99
59) 2-Hexanone	10.922	43	65740	94.308	ug/l	96
60) Dibromochloromethane	11.075	129	44548	20.259	ug/l	98
61) 1,2-Dibromoethane	11.181	107	34275	19.419	ug/l	100
64) Tetrachloroethene	10.810	164	46492	19.702	ug/l	96
65) Chlorobenzene	11.610	112	138095	19.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	46530	19.633	ug/l	98
67) Ethyl Benzene	11.687	91	219102	19.261	ug/l	99
68) m/p-Xylenes	11.793	106	188577	40.102	ug/l	100
69) o-Xylene	12.122	106	81936	19.326	ug/l	99
70) Styrene	12.134	104	143354	19.716	ug/l	99
71) Bromoform	12.299	173	25209	19.716	ug/l #	99
73) Isopropylbenzene	12.422	105	204950	19.474	ug/l	100
74) N-amyl acetate	12.234	43	33326	18.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	41116	19.516	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	28037m	18.270	ug/l	
77) Bromobenzene	12.704	156	56398	20.381	ug/l	99
78) n-propylbenzene	12.763	91	258018	19.830	ug/l	100
79) 2-Chlorotoluene	12.851	91	142593	20.091	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	172490	19.876	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	11879	18.540	ug/l	96
82) 4-Chlorotoluene	12.951	91	146482	19.384	ug/l	98
83) tert-Butylbenzene	13.169	119	139274	19.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	173613	20.031	ug/l	99
85) sec-Butylbenzene	13.346	105	222743	19.899	ug/l	98
86) p-Isopropyltoluene	13.463	119	186635	20.116	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	113041	20.265	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	113521	20.099	ug/l	99
89) n-Butylbenzene	13.793	91	165401	19.180	ug/l	99
90) Hexachloroethane	14.057	117	36740	19.722	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	96414	19.908	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5273	18.946	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	55140	19.589	ug/l	95
94) Hexachlorobutadiene	15.204	225	27493	19.977	ug/l	98
95) Naphthalene	15.334	128	96157	18.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	49041	19.701	ug/l	97

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

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