

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076663.D
 Acq On : 30 Jun 2023 15:27
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025167

Quant Time: Jul 03 01:30:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	198819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	179979	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	90413	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	97557	20.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.600%
7) Chloroethane-d5	2.799	69	80594	20.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	3.911	65	29165	23.076	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.320%
21) 2-Butanone-d5	6.981	46	36403	49.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.563	84	131896	25.180	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.234	65	65459	25.332	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.320%
32) Benzene-d6	8.199	84	249457	22.658	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	9.210	67	80382	22.873	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.269	98	235411	23.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.360%
43) trans-1,3-Dichloroprop...	10.522	79	32939	22.535	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.120%
47) 2-Hexanone-d5	10.875	63	27294	50.034	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64785	25.912	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	78116	23.571	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	89820	28.992	ug/L	100
3) Chloromethane	2.146	50	124731	24.218	ug/L	97
5) Vinyl chloride	2.281	62	136790	24.620	ug/L	91
6) Bromomethane	2.687	94	74851	24.323	ug/L	96
8) Chloroethane	2.834	64	85649	25.167	ug/L	94
9) Trichlorofluoromethane	3.170	101	127728	31.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	79193	30.392	ug/L	98
12) 1,1-Dichloroethene	3.934	96	68922	26.710	ug/L	90
13) Acetone	4.022	43	27776	46.898	ug/L	70
14) Carbon disulfide	4.264	76	242938	25.973	ug/L	100
15) Methyl Acetate	4.558	43	35709	26.412	ug/L	94
16) Methylene chloride	4.793	84	82314	23.820	ug/L	95
17) trans-1,2-Dichloroethene	5.311	96	77980	27.107	ug/L	95
18) Methyl tert-butyl Ether	5.322	73	174212	26.600	ug/L #	71
19) 1,1-Dichloroethane	6.111	63	140352	26.686	ug/L	98
20) cis-1,2-Dichloroethene	7.069	96	84581	26.326	ug/L	98
22) 2-Butanone	7.075	43	45403	47.503	ug/L	94
23) Bromochloromethane	7.422	128	37603	27.577	ug/L	96
25) Chloroform	7.593	83	145198	28.288	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	90617	28.707	ug/L	98
29) Cyclohexane	7.875	56	122128	25.518	ug/L	94
30) 1,1,1-Trichloroethane	7.787	97	122787	29.367	ug/L	99
31) Carbon tetrachloride	7.993	117	103987	31.098	ug/L	97
33) Benzene	8.246	78	315496	26.486	ug/L	100
34) Trichloroethene	9.028	95	83612	27.325	ug/L	90
35) Methylcyclohexane	9.275	83	131399	26.629	ug/L	98
37) 1,2-Dichloropropane	9.299	63	82433	25.383	ug/L	100
38) Bromodichloromethane	9.581	83	105436	28.465	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	130141	26.244	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	100844	49.916	ug/L	96
42) Toluene	10.334	91	341446	26.824	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	108288	26.865	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	60082	26.972	ug/L	95
46) Tetrachloroethene	10.804	164	63987	26.600	ug/L	93
48) 2-Hexanone	10.922	43	71987	52.028	ug/L	99
49) Dibromochloromethane	11.075	129	70572	27.878	ug/L	94
50) 1,2-Dibromoethane	11.181	107	58773	27.184	ug/L	95
51) Chlorobenzene	11.604	112	210931	26.541	ug/L	97
52) Ethylbenzene	11.681	91	373893	27.251	ug/L	98
53) m,p-Xylene	11.793	106	144518	26.803	ug/L	93
54) o-Xylene	12.116	106	135930	26.477	ug/L	97
55) Styrene	12.134	104	244410	27.556	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	70214	27.581	ug/L	99
59) Bromoform	12.298	173	44097	27.245	ug/L #	97
60) Isopropylbenzene	12.422	105	368228	26.627	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	47418	27.024	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	289681	26.182	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	286522	26.243	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	164270	26.701	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	167528	27.014	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	145306	26.512	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	9826	25.128	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	108625	26.470	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	94876	25.984	ug/L	97
71) Naphthalene	15.334	128	181339	25.940	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	81996	25.860	ug/L	98

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

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