

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077031.D
 Acq On : 25 Aug 2023 22:29
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025182

Quant Time: Aug 25 23:59:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	256381	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	269273	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	144956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	121690	17.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.040%
7) Chloroethane-d5	2.793	69	128600	19.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
11) 1,1-Dichloroethene-d2	3.911	65	29434	17.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.480%
21) 2-Butanone-d5	6.987	46	73761	65.161	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.320%
24) Chloroform-d	7.563	84	213270	25.546	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.228	65	110743	26.610	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.440%
32) Benzene-d6	8.199	84	387050	22.862	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	9.210	67	125591	24.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	10.269	98	355988	22.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.720%
43) trans-1,3-Dichloroprop...	10.528	79	55329	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.040%
47) 2-Hexanone-d5	10.881	63	61609	61.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	145402	28.908	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	143521	27.082	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	92329	21.727	ug/L	97
3) Chloromethane	2.146	50	167350	30.355	ug/L	99
5) Vinyl chloride	2.276	62	194424	24.661	ug/L	98
6) Bromomethane	2.681	94	130792	22.225	ug/L	99
8) Chloroethane	2.828	64	129517	24.403	ug/L	98
9) Trichlorofluoromethane	3.170	101	163557	25.056	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	105760	24.864	ug/L	97
12) 1,1-Dichloroethene	3.934	96	93760	24.859	ug/L	79
13) Acetone	4.022	43	49674	42.913	ug/L	96
14) Carbon disulfide	4.264	76	309623	23.652	ug/L	100
15) Methyl Acetate	4.564	43	51024	26.079	ug/L #	80
16) Methylene chloride	4.799	84	129753	24.127	ug/L #	75
17) trans-1,2-Dichloroethene	5.299	96	108918	25.505	ug/L	79
18) Methyl tert-butyl Ether	5.317	73	253800	26.901	ug/L #	91
19) 1,1-Dichloroethane	6.105	63	180650	25.335	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	126728	26.583	ug/L	84
22) 2-Butanone	7.087	43	73817	45.579	ug/L	85
23) Bromochloromethane	7.428	128	62728	27.129	ug/L #	71
25) Chloroform	7.593	83	206813	26.482	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	131696	26.907	ug/L	96
29) Cyclohexane	7.875	56	134176	22.636	ug/L #	81
30) 1,1,1-Trichloroethane	7.787	97	171537	25.710	ug/L	95
31) Carbon tetrachloride	7.987	117	137358	25.155	ug/L	97
33) Benzene	8.246	78	438462	24.842	ug/L	100
34) Trichloroethene	9.028	95	112778	24.536	ug/L	96
35) Methylcyclohexane	9.275	83	174071	23.222	ug/L	90
37) 1,2-Dichloropropane	9.305	63	113713	25.361	ug/L	99
38) Bromodichloromethane	9.587	83	159530	25.837	ug/L #	98
39) cis-1,3-Dichloropropene	10.016	75	185000	25.566	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	150675	53.336	ug/L #	89
42) Toluene	10.334	91	488937	25.475	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	161690	25.567	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	105504	26.476	ug/L	97
46) Tetrachloroethene	10.810	164	88626	25.583	ug/L	95
48) 2-Hexanone	10.922	43	112732	51.890	ug/L #	90
49) Dibromochloromethane	11.075	129	116888	26.367	ug/L	98
50) 1,2-Dibromoethane	11.181	107	105551	27.159	ug/L	89
51) Chlorobenzene	11.604	112	331983	26.549	ug/L	95
52) Ethylbenzene	11.681	91	533738	26.097	ug/L	98
53) m,p-Xylene	11.793	106	205287	26.014	ug/L	94
54) o-Xylene	12.122	106	203993	26.877	ug/L	96
55) Styrene	12.134	104	378082	27.551	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.675	83	133015	26.989	ug/L	93
59) Bromoform	12.299	173	78713	27.381	ug/L #	98
60) Isopropylbenzene	12.422	105	519591	24.924	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	88734	26.228	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	408647	25.731	ug/L	98
63) 1,2,4-Trimethylbenzene	13.210	105	410522	25.974	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	245676	25.821	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	257095	26.142	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	237758	26.657	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	20387	26.300	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	155339	26.090	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	133415	25.473	ug/L	99
71) Naphthalene	15.334	128	337987	27.445	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	132392	27.874	ug/L	98

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

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