

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062923\
 Data File : VD076628.D
 Acq On : 29 Jun 2023 09:36
 Operator : KP/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025164

Quant Time: Jun 30 01:14:35 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	228423	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	108051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	127269	22.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.520%
7) Chloroethane-d5	2.799	69	102516	22.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
11) 1,1-Dichloroethene-d2	3.911	65	36548	25.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.680%
21) 2-Butanone-d5	6.987	46	44022	52.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.500%
24) Chloroform-d	7.563	84	151135	25.114	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.440%
26) 1,2-Dichloroethane-d4	8.228	65	80627	27.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.640%
32) Benzene-d6	8.199	84	312396	25.036	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.160%
36) 1,2-Dichloropropane-d6	9.205	67	98894	24.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.320%
41) Toluene-d8	10.269	98	289434	25.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	10.528	79	41456	25.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.080%
47) 2-Hexanone-d5	10.875	63	31940	51.662	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80166	28.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	95325	24.069	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95848	26.928	ug/L	100
3) Chloromethane	2.146	50	137269	23.199	ug/L	100
5) Vinyl chloride	2.281	62	153164	23.995	ug/L	92
6) Bromomethane	2.693	94	81824	23.143	ug/L	99
8) Chloroethane	2.834	64	92522	23.663	ug/L	100
9) Trichlorofluoromethane	3.170	101	139142	30.148	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	84902	28.360	ug/L	99
12) 1,1-Dichloroethene	3.934	96	78423	26.454	ug/L	97
13) Acetone	4.022	43	33168	48.744	ug/L	94
14) Carbon disulfide	4.270	76	269933	25.119	ug/L	98
15) Methyl Acetate	4.564	43	38325	24.673	ug/L	97
16) Methylene chloride	4.799	84	89815	22.622	ug/L	97
17) trans-1,2-Dichloroethene	5.311	96	83858	25.372	ug/L	97
18) Methyl tert-butyl Ether	5.317	73	186181	24.743	ug/L #	90
19) 1,1-Dichloroethane	6.111	63	150797	24.956	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	89971	24.375	ug/L	94
22) 2-Butanone	7.075	43	53694	48.897	ug/L	79
23) Bromochloromethane	7.422	128	41067	26.214	ug/L	90
25) Chloroform	7.593	83	150837	25.578	ug/L	98

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

27) 1,2-Dichloroethane	8.322	62	95213	26.254	ug/L	98
29) Cyclohexane	7.875	56	135845	25.044	ug/L #	90
30) 1,1,1-Trichloroethane	7.793	97	130765	27.596	ug/L	99
31) Carbon tetrachloride	7.993	117	110642	29.195	ug/L	100
33) Benzene	8.246	78	339552	25.152	ug/L	100
34) Trichloroethene	9.028	95	89046	25.677	ug/L	99
35) Methylcyclohexane	9.269	83	150618	26.933	ug/L	97
37) 1,2-Dichloropropane	9.305	63	88858	24.142	ug/L	99
38) Bromodichloromethane	9.587	83	111666	26.600	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	140525	25.004	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	116146	50.726	ug/L	98
42) Toluene	10.334	91	361654	25.069	ug/L	96
44) trans-1,3-Dichloropropene	10.552	75	116736	25.554	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	63083	24.988	ug/L	92
46) Tetrachloroethene	10.810	164	70052	25.695	ug/L	92
48) 2-Hexanone	10.922	43	85070	54.249	ug/L	99
49) Dibromochloromethane	11.075	129	76383	26.624	ug/L	99
50) 1,2-Dibromoethane	11.181	107	64421	26.291	ug/L	91
51) Chlorobenzene	11.610	112	230093	25.546	ug/L	98
52) Ethylbenzene	11.687	91	403152	25.927	ug/L	99
53) m,p-Xylene	11.793	106	155103	25.382	ug/L	95
54) o-Xylene	12.122	106	146704	25.214	ug/L	100
55) Styrene	12.134	104	261695	26.033	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.675	83	79357	27.505	ug/L	97
59) Bromoform	12.299	173	49977	25.837	ug/L	98
60) Isopropylbenzene	12.422	105	401169	24.274	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	51998	24.797	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	314931	23.817	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	312212	23.928	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	174965	23.797	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	177936	24.008	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	156933	23.959	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.451	75	10558	22.592	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.592	180	119690	24.405	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	103635	23.750	ug/L	97
71) Naphthalene	15.334	128	199169	23.840	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	89742	23.683	ug/L	96

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

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