

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091224\
 Data File : VD079823.D
 Acq On : 12 Sep 2024 09:43
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025904

Quant Time: Sep 13 00:12:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 12 01:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	171583	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	170411	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	84624	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	152740	20.472	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.880%
7) Chloroethane-d5	2.799	69	127412	21.569	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
11) 1,1-Dichloroethene-d2	3.916	65	28834	21.285	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.160%
21) 2-Butanone-d5	6.981	46	32201	46.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.900%
24) Chloroform-d	7.569	84	128616	22.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	8.234	65	72760	24.670	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.680%
32) Benzene-d6	8.204	84	283967	23.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.210	67	86064	23.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.269	98	259351	24.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	10.528	79	36229	22.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.480%
47) 2-Hexanone-d5	10.875	63	30232	50.332	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67863	25.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	13.810	152	74479	23.338	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70506	21.550	ug/L	99
3) Chloromethane	2.146	50	121384	21.164	ug/L	99
5) Vinyl chloride	2.287	62	154915	22.042	ug/L	99
6) Bromomethane	2.693	94	83950	23.723	ug/L	95
8) Chloroethane	2.840	64	103441	22.278	ug/L	97
9) Trichlorofluoromethane	3.175	101	114642	22.687	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	63564	22.725	ug/L	100
12) 1,1-Dichloroethene	3.940	96	56798	21.802	ug/L	94
13) Acetone	4.022	43	47060	55.683	ug/L	68
14) Carbon disulfide	4.269	76	187284	22.100	ug/L	96
15) Methyl Acetate	4.558	43	33510	24.892	ug/L #	80
16) Methylene chloride	4.799	84	76981	22.706	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	65335	23.520	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	154996	24.803	ug/L #	88
19) 1,1-Dichloroethane	6.110	63	131559	23.843	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	73048	23.883	ug/L	93
22) 2-Butanone	7.081	43	53140	53.601	ug/L	94
23) Bromochloromethane	7.422	128	31976	24.633	ug/L	94
25) Chloroform	7.593	83	142149	24.749	ug/L	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	89316	25.443	ug/L #	95
29) Cyclohexane	7.881	56	95406	22.634	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	112146	24.143	ug/L	98
31) Carbon tetrachloride	7.993	117	100122	24.328	ug/L	99
33) Benzene	8.251	78	310446	24.465	ug/L	100
34) Trichloroethene	9.028	95	68355	23.313	ug/L	94
35) Methylcyclohexane	9.275	83	110667	23.389	ug/L	99
37) 1,2-Dichloropropane	9.304	63	84889	24.531	ug/L #	100
38) Bromodichloromethane	9.581	83	99063	24.568	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	124179	25.554	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	98567	54.413	ug/L	98
42) Toluene	10.334	91	338451	25.322	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	111274	25.983	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	62406	26.396	ug/L	94
46) Tetrachloroethene	10.810	164	47095	23.659	ug/L	88
48) 2-Hexanone	10.922	43	86563	58.747	ug/L	98
49) Dibromochloromethane	11.075	129	66449	25.749	ug/L	98
50) 1,2-Dibromoethane	11.181	107	52318	25.620	ug/L	90
51) Chlorobenzene	11.604	112	196932	24.551	ug/L	100
52) Ethylbenzene	11.681	91	353732	25.192	ug/L	96
53) m,p-Xylene	11.792	106	138052	25.958	ug/L	94
54) o-Xylene	12.116	106	129965	24.923	ug/L	97
55) Styrene	12.134	104	249702	27.246	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	74084	26.732	ug/L	92
59) Bromoform	12.298	173	37489	25.663	ug/L	100
60) Isopropylbenzene	12.416	105	349713	23.936	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	51640	24.826	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	270662	25.331	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	270935	24.179	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	147727	24.467	ug/L	95
65) 1,4-Dichlorobenzene	13.534	146	154871	24.455	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	135307	24.794	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	10732	25.216	ug/L #	90
69) 1,3,5-Trichlorobenzene	14.592	180	85014	23.222	ug/L	96
70) 1,2,4-trichlorobenzene	15.092	180	72580	23.547	ug/L	99
71) Naphthalene	15.328	128	166634	24.204	ug/L	99
72) 1,2,3-Trichlorobenzene	15.516	180	68595	24.879	ug/L	100

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

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