

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079008.D
 Acq On : 24 May 2024 09:25
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD025252

Quant Time: May 24 23:24:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	185452	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	134723	29.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.520%
7) Chloroethane-d5	2.805	69	133236	27.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.520%
11) 1,1-Dichloroethene-d2	3.917	65	23083	26.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.120%
21) 2-Butanone-d5	6.981	46	24141	37.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.040%
24) Chloroform-d	7.569	84	123015	22.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.228	65	59916	22.853	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	8.199	84	249001	26.314	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.240%
36) 1,2-Dichloropropane-d6	9.210	67	68721	23.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.269	98	234160	26.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	10.522	79	32946	24.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.240%
47) 2-Hexanone-d5	10.875	63	22760	39.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65123	19.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	77745	23.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	77578	20.908	ug/L	98
3) Chloromethane	2.146	50	93518	20.540	ug/L	92
5) Vinyl chloride	2.281	62	157947	21.203	ug/L	96
6) Bromomethane	2.693	94	118390	22.224	ug/L	92
8) Chloroethane	2.840	64	130847	22.744	ug/L	96
9) Trichlorofluoromethane	3.175	101	132381	22.786	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	86931	23.605	ug/L	96
12) 1,1-Dichloroethene	3.940	96	70564	22.006	ug/L	92
13) Acetone	4.016	43	35317	45.434	ug/L	100
14) Carbon disulfide	4.275	76	171371	18.443	ug/L	96
15) Methyl Acetate	4.564	43	30470	24.126	ug/L	99
16) Methylene chloride	4.799	84	96853	22.048	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	80864	24.767	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	187999	27.026	ug/L #	81
19) 1,1-Dichloroethane	6.111	63	140421	25.606	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	96328	25.866	ug/L	87
22) 2-Butanone	7.081	43	44235	49.497	ug/L	97
23) Bromochloromethane	7.428	128	47607	25.583	ug/L #	90
25) Chloroform	7.599	83	168396	25.547	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	99889	26.164	ug/L	96
29) Cyclohexane	7.875	56	87766	24.624	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	135259	26.362	ug/L	99
31) Carbon tetrachloride	7.993	117	121216	25.658	ug/L	99
33) Benzene	8.252	78	348529	27.417	ug/L	100
34) Trichloroethene	9.028	95	84885	25.919	ug/L	93
35) Methylcyclohexane	9.275	83	126606	25.714	ug/L	99
37) 1,2-Dichloropropane	9.304	63	90962	28.236	ug/L	99
38) Bromodichloromethane	9.587	83	129464	28.419	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	142487	28.195	ug/L	88
40) 4-Methyl-2-pentanone	10.157	43	95721	58.824	ug/L	98
42) Toluene	10.334	91	398158	28.489	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	129810	29.054	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	81757	27.753	ug/L	88
46) Tetrachloroethene	10.810	164	70797	25.125	ug/L	98
48) 2-Hexanone	10.922	43	70673	56.025	ug/L	100
49) Dibromochloromethane	11.075	129	95584	26.689	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74419	26.743	ug/L #	99
51) Chlorobenzene	11.604	112	267960	27.139	ug/L	100
52) Ethylbenzene	11.681	91	428263	28.392	ug/L	98
53) m,p-Xylene	11.793	106	170051	28.180	ug/L	100
54) o-Xylene	12.122	106	171860	29.241	ug/L	99
55) Styrene	12.134	104	313260	30.162	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	98634	27.606	ug/L	95
59) Bromoform	12.298	173	61481	27.735	ug/L	99
60) Isopropylbenzene	12.422	105	443549	30.632	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	63604	28.330	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	337919	31.571	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	340960	31.350	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	213297	30.330	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	224828	29.653	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	193907	29.133	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13215	28.257	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	134322	29.409	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114110	29.512	ug/L	98
71) Naphthalene	15.334	128	235951	29.909	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	107995	29.882	ug/L	99

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

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