

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079059.D
 Acq On : 29 May 2024 12:05
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV806

Quant Time: May 30 01:03:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 00:58:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	210262	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	206587	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	104396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	139590	21.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.799	69	142617	22.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	3.917	65	25909	22.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.240%
21) 2-Butanone-d5	6.987	46	21602	43.649	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.300%
24) Chloroform-d	7.569	84	134055	22.802	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	8.234	65	62901	23.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.205	84	278993	24.361	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.440%
36) 1,2-Dichloropropane-d6	9.210	67	73250	22.204	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.800%
41) Toluene-d8	10.269	98	260322	24.277	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.120%
43) trans-1,3-Dichloroprop...	10.528	79	33096	23.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.875	63	19798	46.422	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64753	22.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	82812	22.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	73833	22.183	ug/L	97
3) Chloromethane	2.146	50	100727	22.705	ug/L	99
5) Vinyl chloride	2.281	62	158892	21.700	ug/L	94
6) Bromomethane	2.693	94	130086	23.013	ug/L	95
8) Chloroethane	2.840	64	121672	22.672	ug/L	92
9) Trichlorofluoromethane	3.175	101	117851	21.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	77999	23.320	ug/L	98
12) 1,1-Dichloroethene	3.940	96	67555	23.199	ug/L	98
13) Acetone	4.017	43	36686	51.203	ug/L	99
14) Carbon disulfide	4.270	76	235707	23.204	ug/L	96
15) Methyl Acetate	4.558	43	21105	21.619	ug/L	94
16) Methylene chloride	4.799	84	87792	23.433	ug/L	92
17) trans-1,2-Dichloroethene	5.317	96	75142	23.878	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	132566	23.752	ug/L #	91
19) 1,1-Dichloroethane	6.111	63	118337	23.356	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	79017	24.115	ug/L	98
22) 2-Butanone	7.075	43	37858	50.298	ug/L	97
23) Bromochloromethane	7.428	128	38718	23.306	ug/L	93
25) Chloroform	7.593	83	132839	23.093	ug/L	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	79574	23.830	ug/L	99
29) Cyclohexane	7.881	56	93408	25.060	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	116271	23.772	ug/L	97
31) Carbon tetrachloride	7.993	117	108776	23.932	ug/L	96
33) Benzene	8.252	78	298899	24.292	ug/L	100
34) Trichloroethene	9.028	95	75556	23.842	ug/L	97
35) Methylcyclohexane	9.275	83	129078	24.581	ug/L	98
37) 1,2-Dichloropropane	9.305	63	72847	24.171	ug/L	98
38) Bromodichloromethane	9.587	83	98423	23.492	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	113239	24.069	ug/L	92
40) 4-Methyl-2-pentanone	10.157	43	60459	48.055	ug/L	96
42) Toluene	10.334	91	337330	24.689	ug/L	100
44) trans-1,3-Dichloropropene	10.552	75	98487	24.755	ug/L	93
45) 1,1,2-Trichloroethane	10.734	97	61248	23.164	ug/L	98
46) Tetrachloroethene	10.804	164	63720	22.835	ug/L	97
48) 2-Hexanone	10.922	43	54005	49.606	ug/L	97
49) Dibromochloromethane	11.075	129	72263	23.079	ug/L	88
50) 1,2-Dibromoethane	11.181	107	58539	24.090	ug/L #	97
51) Chlorobenzene	11.604	112	217738	23.951	ug/L	97
52) Ethylbenzene	11.681	91	352611	24.742	ug/L	99
53) m,p-Xylene	11.793	106	142630	25.508	ug/L	93
54) o-Xylene	12.122	106	137210	25.399	ug/L	99
55) Styrene	12.134	104	248122	25.903	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.669	83	68186	23.038	ug/L	94
59) Bromoform	12.299	173	45419	23.738	ug/L	98
60) Isopropylbenzene	12.422	105	346471	25.099	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	44645	24.222	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	239803	25.408	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	262187	25.972	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	159832	24.102	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	169483	24.121	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	147413	24.047	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	8241	21.750	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.593	180	99489	23.787	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	79657	22.932	ug/L	99
71) Naphthalene	15.328	128	150944	23.236	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	73783	24.577	ug/L	97

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

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