

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078299.D
 Acq On : 31 Jan 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VICV114

Quant Time: Feb 01 04:34:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 04:27:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	230323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	218502	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101874	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	174173	26.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.600%	
7) Chloroethane-d5	2.799	69	138617	25.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.960%	
11) 1,1-Dichloroethene-d2	3.916	65	35545	25.193	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.760%	
21) 2-Butanone-d5	6.987	46	49539	51.490	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.980%	
24) Chloroform-d	7.569	84	166431	25.344	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.360%	
26) 1,2-Dichloroethane-d4	8.228	65	87753	24.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 99.040%	
32) Benzene-d6	8.199	84	340903	26.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.720%	
36) 1,2-Dichloropropane-d6	9.210	67	103497	26.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.240%	
41) Toluene-d8	10.269	98	306753	26.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.920%	
43) trans-1,3-Dichloroprop...	10.522	79	48396	27.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.240%	
47) 2-Hexanone-d5	10.875	63	44096	55.256	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.520%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94799	25.937	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.760%	
66) 1,2-Dichlorobenzene-d4	13.816	152	97667	26.779	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	117606	25.897	ug/L	100
3) Chloromethane	2.152	50	184507	27.935	ug/L	99
5) Vinyl chloride	2.281	62	212915	26.073	ug/L	94
6) Bromomethane	2.693	94	97457	26.324	ug/L	97
8) Chloroethane	2.834	64	129082	24.827	ug/L	93
9) Trichlorofluoromethane	3.169	101	149408	25.737	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	87197	24.138	ug/L #	74
12) 1,1-Dichloroethene	3.940	96	86643	25.916	ug/L	98
13) Acetone	4.022	43	71603	56.682	ug/L	99
14) Carbon disulfide	4.269	76	312686	25.375	ug/L	98
15) Methyl Acetate	4.569	43	48245	25.489	ug/L #	79
16) Methylene chloride	4.805	84	103623	22.941	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	93092	25.269	ug/L	99
18) Methyl tert-butyl Ether	5.322	73	224819	26.238	ug/L #	93
19) 1,1-Dichloroethane	6.110	63	166224	25.785	ug/L	99
20) cis-1,2-Dichloroethene	7.075	96	104678	25.926	ug/L	99
22) 2-Butanone	7.081	43	83512	54.600	ug/L	100
23) Bromochloromethane	7.428	128	48985	27.467	ug/L	96
25) Chloroform	7.593	83	178801	25.418	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	116677	25.827	ug/L #	94
29) Cyclohexane	7.875	56	129282	26.174	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	139022	25.956	ug/L	99
31) Carbon tetrachloride	7.993	117	119989	25.430	ug/L	100
33) Benzene	8.252	78	390670	26.533	ug/L	100
34) Trichloroethene	9.028	95	93934	25.260	ug/L	96
35) Methylcyclohexane	9.275	83	150640	25.888	ug/L	96
37) 1,2-Dichloropropane	9.304	63	100327	25.859	ug/L	99
38) Bromodichloromethane	9.581	83	132004	26.077	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	162924	26.978	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	132735	55.087	ug/L	99
42) Toluene	10.334	91	406193	26.516	ug/L	96
44) trans-1,3-Dichloropropene	10.551	75	140329	26.559	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	82735	26.753	ug/L	94
46) Tetrachloroethene	10.810	164	63483	24.862	ug/L	94
48) 2-Hexanone	10.922	43	114174	58.091	ug/L	97
49) Dibromochloromethane	11.075	129	89429	25.731	ug/L	95
50) 1,2-Dibromoethane	11.181	107	78033	25.868	ug/L #	98
51) Chlorobenzene	11.604	112	250299	25.235	ug/L	95
52) Ethylbenzene	11.681	91	424012	25.767	ug/L	99
53) m,p-Xylene	11.793	106	159527	25.225	ug/L	98
54) o-Xylene	12.122	106	156288	25.627	ug/L	99
55) Styrene	12.134	104	294259	26.748	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	101061	25.505	ug/L	98
59) Bromoform	12.298	173	54324	26.577	ug/L	99
60) Isopropylbenzene	12.422	105	393866	25.587	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	68193	26.243	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	307060	25.502	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	313956	26.325	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	176009	25.623	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	181075	25.179	ug/L	99
67) 1,2-Dichlorobenzene	13.828	146	165424	25.459	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.445	75	15270	26.522	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	103800	24.527	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	92465	25.278	ug/L	99
71) Naphthalene	15.328	128	229086	26.750	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	86056	25.201	ug/L	98

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

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