

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022924\
 Data File : VW028087.D
 Acq On : 29 Feb 2024 14:38
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV421

Quant Time: Mar 01 00:48:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:41:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	299828	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	269239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80017	22.357	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.440%		
7) Chloroethane-d5	2.899	69	62863	22.673	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.680%		
11) 1,1-Dichloroethene-d2	4.015	65	34536	23.623	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	94.480%		
21) 2-Butanone-d5	7.075	46	26884	52.656	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.320%		
24) Chloroform-d	7.648	84	153308	24.141	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	8.301	65	71851	24.311	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.240%		
32) Benzene-d6	8.270	84	307430	24.460	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.840%		
36) 1,2-Dichloropropane-d6	9.270	67	78338	24.124	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.480%		
41) Toluene-d8	10.319	98	295083	24.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.640%		
43) trans-1,3-Dichloroprop...	10.575	79	36904	25.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.720%		
47) 2-Hexanone-d5	10.916	63	26312	57.525	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.040%		
56) 1,1,2,2-Tetrachloroeth...	12.684	84	66687	26.019	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.080%		
66) 1,2-Dichlorobenzene-d4	13.849	152	102338	24.514	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	78082	25.490	ug/L	90
3) Chloromethane	2.223	50	69154	23.744	ug/L	100
5) Vinyl chloride	2.375	62	89590	22.073	ug/L	99
6) Bromomethane	2.790	94	73329	22.645	ug/L	92
8) Chloroethane	2.936	64	57397	22.518	ug/L	99
9) Trichlorofluoromethane	3.271	101	87846	23.204	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	88736	22.546	ug/L #	70
12) 1,1-Dichloroethene	4.045	96	84834	22.761	ug/L	100
13) Acetone	4.119	43	44723	62.668	ug/L	99
14) Carbon disulfide	4.387	76	255307	22.487	ug/L	97
15) Methyl Acetate	4.667	43	23939	23.733	ug/L	95
16) Methylene chloride	4.917	84	106664	25.862	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	88585	22.243	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	113160	23.201	ug/L	100
19) 1,1-Dichloroethane	6.216	63	141046	22.398	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	95485	22.782	ug/L	98
22) 2-Butanone	7.167	43	45333	56.879	ug/L	99
23) Bromochloromethane	7.514	128	42473	21.586	ug/L	97
25) Chloroform	7.673	83	155710	22.138	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	92996	22.235	ug/L	99
29) Cyclohexane	7.953	56	124034	23.957	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	140190	23.321	ug/L	99
31) Carbon tetrachloride	8.069	117	132086	23.530	ug/L	99
33) Benzene	8.325	78	336015	23.101	ug/L	100
34) Trichloroethene	9.087	95	95634	22.440	ug/L	90
35) Methylcyclohexane	9.331	83	165713	24.024	ug/L	98
37) 1,2-Dichloropropane	9.362	63	76181	22.490	ug/L	100
38) Bromodichloromethane	9.642	83	111538	22.797	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	132259	23.744	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	69685	51.796	ug/L	99
42) Toluene	10.386	91	375904	22.872	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	110329	24.382	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	65572	23.082	ug/L	99
46) Tetrachloroethene	10.861	164	84271	23.593	ug/L	93
48) 2-Hexanone	10.965	43	65301	60.029	ug/L	98
49) Dibromochloromethane	11.123	129	76962	23.305	ug/L	97
50) 1,2-Dibromoethane	11.233	107	63358	23.156	ug/L #	93
51) Chlorobenzene	11.654	112	253939	23.156	ug/L	97
52) Ethylbenzene	11.727	91	432461	23.015	ug/L	100
53) m,p-Xylene	11.837	106	167106	22.921	ug/L	97
54) o-Xylene	12.160	106	163000	23.624	ug/L	97
55) Styrene	12.178	104	278704	23.685	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	72885	23.795	ug/L	96
59) Bromoform	12.349	173	46921	23.579	ug/L	99
60) Isopropylbenzene	12.459	105	450706	23.404	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	51133	23.697	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	295073	23.371	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	354198	23.525	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	204886	23.021	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	202060	22.488	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	181203	22.603	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	11048	24.377	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	151844	23.119	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	128677	24.396	ug/L	91
71) Naphthalene	15.360	128	213701	24.773	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	99915	22.652	ug/L	97

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

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