

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010824\
 Data File : VW027833.D
 Acq On : 08 Jan 2024 16:14
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV409

Quant Time: Jan 09 04:19:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 09 04:13:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	334064	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151538	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	100508	24.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.600%
7) Chloroethane-d5	2.899	69	76551	21.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.021	65	43585	23.763	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.040%
21) 2-Butanone-d5	7.087	46	44623	66.184	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.360%
24) Chloroform-d	7.654	84	199786	24.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	8.307	65	95815	26.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.720%
32) Benzene-d6	8.276	84	427320	24.463	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.840%
36) 1,2-Dichloropropane-d6	9.276	67	120920	25.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	10.325	98	399189	24.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	10.574	79	50760	27.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.080%
47) 2-Hexanone-d5	10.922	63	42335	66.739	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	100959	29.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	138485	25.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	75766	21.864	ug/L	99
3) Chloromethane	2.228	50	97563	22.655	ug/L	98
5) Vinyl chloride	2.375	62	110860	25.506	ug/L	100
6) Bromomethane	2.795	94	77564	22.920	ug/L	96
8) Chloroethane	2.936	64	61917	21.623	ug/L	99
9) Trichlorofluoromethane	3.271	101	115920	23.243	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	95423	23.508	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	93543	23.541	ug/L	96
13) Acetone	4.149	43	41255	47.876	ug/L	68
14) Carbon disulfide	4.393	76	281885	23.078	ug/L	98
15) Methyl Acetate	4.685	43	33871	28.893	ug/L	99
16) Methylene chloride	4.923	84	99588	20.562	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	98436	23.186	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	136923	26.396	ug/L	99
19) 1,1-Dichloroethane	6.222	63	164180	22.795	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	106442	23.051	ug/L	94
22) 2-Butanone	7.185	43	49601	59.342	ug/L	98
23) Bromochloromethane	7.514	128	48335	24.125	ug/L	98
25) Chloroform	7.679	83	168565	22.638	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	104109	24.737	ug/L	100
29) Cyclohexane	7.959	56	144055	23.004	ug/L	98
30) 1,1,1-Trichloroethane	7.880	97	140970	22.837	ug/L	98
31) Carbon tetrachloride	8.075	117	121931	22.771	ug/L	94
33) Benzene	8.325	78	391624	23.052	ug/L	100
34) Trichloroethene	9.093	95	106830	23.006	ug/L	99
35) Methylcyclohexane	9.337	83	182792	23.389	ug/L	98
37) 1,2-Dichloropropane	9.367	63	93799	22.919	ug/L	99
38) Bromodichloromethane	9.642	83	119805	23.411	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	152866	24.240	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	94555	59.230	ug/L	99
42) Toluene	10.385	91	431024	23.313	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	123342	25.337	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	76707	25.018	ug/L	98
46) Tetrachloroethene	10.861	164	83439	22.037	ug/L	95
48) 2-Hexanone	10.965	43	70843	61.288	ug/L	98
49) Dibromochloromethane	11.129	129	84300	25.162	ug/L	97
50) 1,2-Dibromoethane	11.233	107	73508	26.011	ug/L	96
51) Chlorobenzene	11.654	112	275575	22.573	ug/L	98
52) Ethylbenzene	11.727	91	479812	23.023	ug/L	98
53) m,p-Xylene	11.836	106	185659	22.889	ug/L	99
54) o-Xylene	12.166	106	179155	23.578	ug/L	96
55) Styrene	12.178	104	305215	23.778	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	91247	27.604	ug/L	98
59) Bromoform	12.349	173	49672	26.695	ug/L #	92
60) Isopropylbenzene	12.458	105	492736	23.915	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62829	27.381	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	396600	23.959	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	389031	23.686	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	209453	22.160	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	216146	23.395	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	197932	24.569	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.482	75	13215	29.511	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	154768	23.782	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	132211	24.743	ug/L	96
71) Naphthalene	15.360	128	250082	28.491	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	115362	25.672	ug/L	98

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

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