

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028956.D
 Acq On : 03 Jun 2024 11:43
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV445

Quant Time: Jun 04 02:19:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 02:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	359884	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	334953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	157280	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	135836	23.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
7) Chloroethane-d5	2.899	69	107134	24.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	4.021	65	61316	24.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.600%
21) 2-Butanone-d5	7.075	46	66557	56.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.960%
24) Chloroform-d	7.648	84	254018	24.741	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	8.307	65	137594	25.455	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.276	84	517315	25.163	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.640%
36) 1,2-Dichloropropane-d6	9.276	67	156553	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.319	98	467044	25.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.840%
43) trans-1,3-Dichloroprop...	10.575	79	61352	25.615	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.440%
47) 2-Hexanone-d5	10.922	63	47087	57.244	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115048	26.568	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.280%
66) 1,2-Dichlorobenzene-d4	13.848	152	150929	27.042	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	78517	19.106	ug/L	89
3) Chloromethane	2.223	50	114641	22.834	ug/L	99
5) Vinyl chloride	2.375	62	132382	21.783	ug/L	100
6) Bromomethane	2.789	94	80912	22.221	ug/L	99
8) Chloroethane	2.936	64	83219	22.674	ug/L	98
9) Trichlorofluoromethane	3.265	101	113462	22.460	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	109880	22.044	ug/L	100
12) 1,1-Dichloroethene	4.045	96	108126	23.769	ug/L	91
13) Acetone	4.119	43	62663	51.189	ug/L	96
14) Carbon disulfide	4.393	76	356019	23.116	ug/L	99
15) Methyl Acetate	4.667	43	54715	26.912	ug/L	99
16) Methylene chloride	4.917	84	119901	22.199	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	116352	23.459	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	180774	26.137	ug/L	99
19) 1,1-Dichloroethane	6.216	63	234402	24.038	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	127181	24.459	ug/L	93
22) 2-Butanone	7.167	43	78143	52.975	ug/L	100
23) Bromochloromethane	7.514	128	56314	24.810	ug/L	98
25) Chloroform	7.679	83	228324	24.108	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	158082	24.907	ug/L	99
29) Cyclohexane	7.959	56	208227	25.003	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	184117	23.724	ug/L	99
31) Carbon tetrachloride	8.075	117	164619	23.287	ug/L	98
33) Benzene	8.325	78	503489	24.174	ug/L	100
34) Trichloroethene	9.087	95	131076	23.938	ug/L	96
35) Methylcyclohexane	9.331	83	229553	24.713	ug/L	99
37) 1,2-Dichloropropane	9.368	63	134452	24.652	ug/L	99
38) Bromodichloromethane	9.642	83	160768	24.169	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	203482	25.672	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	156453	56.397	ug/L	99
42) Toluene	10.386	91	534438	25.119	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	167757	26.253	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	91558	24.856	ug/L	97
46) Tetrachloroethene	10.855	164	93651	22.512	ug/L	99
48) 2-Hexanone	10.965	43	112994	54.326	ug/L	97
49) Dibromochloromethane	11.123	129	98036	25.198	ug/L	95
50) 1,2-Dibromoethane	11.233	107	87223	25.940	ug/L	92
51) Chlorobenzene	11.654	112	332644	24.338	ug/L	99
52) Ethylbenzene	11.727	91	603223	24.953	ug/L	97
53) m,p-Xylene	11.837	106	224782	25.104	ug/L	95
54) o-Xylene	12.160	106	210822	25.428	ug/L	99
55) Styrene	12.178	104	372060	26.029	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	109355	26.299	ug/L	98
59) Bromoform	12.349	173	54341	26.869	ug/L	99
60) Isopropylbenzene	12.458	105	592770	26.631	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	79651	26.848	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	439943	27.175	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	479931	28.051	ug/L	100
64) 1,3-Dichlorobenzene	13.489	146	238084	24.890	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	249648	24.989	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	219474	25.600	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	17303	27.363	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	176866	26.930	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	139709	26.246	ug/L	97
71) Naphthalene	15.360	128	269860	29.755	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	120479	26.492	ug/L	95

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

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