

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040824\
 Data File : VW028354.D
 Acq On : 08 Apr 2024 12:57
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV433

Quant Time: Apr 09 01:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 09 01:33:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	303735	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	286280	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	142434	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	108687	22.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.280%
7) Chloroethane-d5	2.899	69	87445	23.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.760%
11) 1,1-Dichloroethene-d2	4.021	65	45786	22.204	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.800%
21) 2-Butanone-d5	7.081	46	48302	53.010	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.020%
24) Chloroform-d	7.648	84	192815	24.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.320%
26) 1,2-Dichloroethane-d4	8.306	65	107192	26.025	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.276	84	382920	24.484	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.920%
36) 1,2-Dichloropropane-d6	9.270	67	114459	24.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.324	98	346881	24.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.560%
43) trans-1,3-Dichloroprop...	10.574	79	47999	25.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.880%
47) 2-Hexanone-d5	10.922	63	34908	54.211	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87464	26.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	115043	25.540	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	101894	24.942	ug/L	99
3) Chloromethane	2.222	50	116688	24.329	ug/L	98
5) Vinyl chloride	2.374	62	131638	23.046	ug/L	99
6) Bromomethane	2.789	94	85212	23.878	ug/L	98
8) Chloroethane	2.935	64	80552	23.394	ug/L	99
9) Trichlorofluoromethane	3.271	101	100926	22.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	100614	23.470	ug/L	95
12) 1,1-Dichloroethene	4.051	96	91916	22.835	ug/L	92
13) Acetone	4.136	43	49321	44.083	ug/L	96
14) Carbon disulfide	4.392	76	311404	23.498	ug/L	100
15) Methyl Acetate	4.679	43	45530	25.292	ug/L	100
16) Methylene chloride	4.923	84	99781	21.710	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	99015	23.352	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	154785	25.952	ug/L	99
19) 1,1-Dichloroethane	6.221	63	193840	23.464	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	107502	23.889	ug/L	96
22) 2-Butanone	7.172	43	66574	49.032	ug/L	100
23) Bromochloromethane	7.520	128	46236	23.853	ug/L	92
25) Chloroform	7.672	83	193342	23.825	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	137772	24.598	ug/L	98
29) Cyclohexane	7.959	56	179844	23.783	ug/L	99
30) 1,1,1-Trichloroethane	7.873	97	159404	22.959	ug/L	99
31) Carbon tetrachloride	8.069	117	140871	22.880	ug/L	100
33) Benzene	8.325	78	417195	23.308	ug/L	100
34) Trichloroethene	9.093	95	108716	22.412	ug/L	98
35) Methylcyclohexane	9.337	83	191976	23.193	ug/L	99
37) 1,2-Dichloropropane	9.367	63	108999	23.364	ug/L	100
38) Bromodichloromethane	9.641	83	137829	23.836	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	168127	24.576	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	126575	54.199	ug/L	98
42) Toluene	10.385	91	450638	23.765	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140874	25.454	ug/L	95
45) 1,1,2-Trichloroethane	10.781	97	77135	24.439	ug/L	96
46) Tetrachloroethene	10.861	164	82613	22.801	ug/L	93
48) 2-Hexanone	10.964	43	92660	49.986	ug/L	94
49) Dibromochloromethane	11.129	129	82564	24.475	ug/L	99
50) 1,2-Dibromoethane	11.233	107	73169	25.400	ug/L	94
51) Chlorobenzene	11.653	112	276201	23.433	ug/L	97
52) Ethylbenzene	11.726	91	499702	23.247	ug/L	97
53) m,p-Xylene	11.836	106	193240	24.174	ug/L	84
54) o-Xylene	12.159	106	183130	24.605	ug/L	94
55) Styrene	12.178	104	311215	24.568	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	90863	25.439	ug/L	96
59) Bromoform	12.348	173	47279	25.147	ug/L	98
60) Isopropylbenzene	12.458	105	498208	23.332	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	66078	25.375	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	326254	23.972	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	402804	24.593	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	213318	23.544	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	214256	23.247	ug/L	96
67) 1,2-Dichlorobenzene	13.866	146	191393	24.015	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	14856	24.896	ug/L	86
69) 1,3,5-Trichlorobenzene	14.622	180	144314	23.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	122920	25.246	ug/L	96
71) Naphthalene	15.360	128	237461	27.558	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109504	25.345	ug/L	96

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

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