

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032824\
 Data File : VW028261.D
 Acq On : 28 Mar 2024 09:10
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025529

Quant Time: Mar 28 23:27:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	226896	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	199494	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	107166	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	50491	19.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.080%
7) Chloroethane-d5	2.905	69	41639	22.450	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	4.027	65	33852	20.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.440%
21) 2-Butanone-d5	7.081	46	38575	49.265	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.540%
24) Chloroform-d	7.648	84	163433	24.427	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.720%
26) 1,2-Dichloroethane-d4	8.306	65	86779	23.536	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.160%
32) Benzene-d6	8.276	84	312139	25.627	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.520%
36) 1,2-Dichloropropane-d6	9.276	67	92175	26.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.200%
41) Toluene-d8	10.324	98	283126	25.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	10.574	79	38734	24.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.922	63	31841	54.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70162	27.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	98110	25.131	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	61677	18.739	ug/L	91
3) Chloromethane	2.228	50	45896	19.660	ug/L	99
5) Vinyl chloride	2.375	62	56928	21.573	ug/L	93
6) Bromomethane	2.795	94	35235	22.420	ug/L	91
8) Chloroethane	2.942	64	32786	23.115	ug/L	99
9) Trichlorofluoromethane	3.271	101	73556	23.055	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	68382	21.575	ug/L	97
12) 1,1-Dichloroethene	4.051	96	65551	22.373	ug/L	88
13) Acetone	4.136	43	33383	38.398	ug/L	95
14) Carbon disulfide	4.392	76	194671	21.302	ug/L	99
15) Methyl Acetate	4.679	43	27162	20.283	ug/L	99
16) Methylene chloride	4.923	84	68612	19.868	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69245	22.238	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	107172	22.813	ug/L	99
19) 1,1-Dichloroethane	6.221	63	137279	22.773	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	77181	22.951	ug/L	96
22) 2-Butanone	7.172	43	40609	41.141	ug/L	98
23) Bromochloromethane	7.514	128	32625	21.944	ug/L	94
25) Chloroform	7.678	83	140067	22.570	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	93629	21.364	ug/L #	95
29) Cyclohexane	7.959	56	122807	23.601	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	122305	23.388	ug/L	99
31) Carbon tetrachloride	8.069	117	113931	23.227	ug/L	97
33) Benzene	8.325	78	296671	24.167	ug/L	100
34) Trichloroethene	9.093	95	80436	23.486	ug/L	95
35) Methylcyclohexane	9.337	83	132851	22.948	ug/L	99
37) 1,2-Dichloropropane	9.367	63	76376	24.324	ug/L	99
38) Bromodichloromethane	9.642	83	98258	23.210	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	120242	23.912	ug/L	100
40) 4-Methyl-2-pentanone	10.208	43	79750	46.013	ug/L	97
42) Toluene	10.385	91	312313	23.311	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	98953	23.308	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	53383	23.531	ug/L	99
46) Tetrachloroethene	10.861	164	64086	23.213	ug/L	99
48) 2-Hexanone	10.964	43	60115	44.278	ug/L	97
49) Dibromochloromethane	11.129	129	62392	23.222	ug/L	98
50) 1,2-Dibromoethane	11.233	107	49398	22.772	ug/L #	93
51) Chlorobenzene	11.653	112	200987	23.635	ug/L	98
52) Ethylbenzene	11.727	91	368760	23.578	ug/L	100
53) m,p-Xylene	11.836	106	139429	23.690	ug/L	98
54) o-Xylene	12.165	106	130307	23.875	ug/L	97
55) Styrene	12.178	104	225953	24.102	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61998	23.892	ug/L	94
59) Bromoform	12.348	173	35620	22.182	ug/L	99
60) Isopropylbenzene	12.458	105	370635	23.278	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	44961	21.983	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	247569	23.173	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	302783	23.471	ug/L	100
64) 1,3-Dichlorobenzene	13.494	146	164618	23.174	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	164430	23.149	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	142721	23.331	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	9999	20.812	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	117043	23.655	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	96909	23.054	ug/L	98
71) Naphthalene	15.360	128	171827	23.816	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	82546	23.821	ug/L	99

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

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