

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022624\
 Data File : VW028061.D
 Acq On : 26 Feb 2024 10:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025496

Quant Time: Feb 27 01:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 23 22:35:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	248774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	217449	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50740	17.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
7) Chloroethane-d5	2.905	69	48419	21.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	4.021	65	24154	19.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.480%
21) 2-Butanone-d5	7.075	46	23650	52.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.480%
24) Chloroform-d	7.648	84	139755	24.026	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	8.301	65	62186	23.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.276	84	263522	22.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.270	67	73168	23.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.318	98	260845	23.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.720%
43) trans-1,3-Dichloroprop...	10.575	79	29919	23.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.922	63	22002	51.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60965	25.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	93853	23.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	44420	20.735	ug/L	97
3) Chloromethane	2.222	50	44082	18.737	ug/L	99
5) Vinyl chloride	2.375	62	68161	21.375	ug/L	99
6) Bromomethane	2.795	94	50638	22.474	ug/L	98
8) Chloroethane	2.942	64	44251	24.560	ug/L	96
9) Trichlorofluoromethane	3.271	101	66111	22.812	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	75381	25.805	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	64266	23.650	ug/L	89
13) Acetone	4.124	43	23359	53.061	ug/L	99
14) Carbon disulfide	4.393	76	164648	20.466	ug/L	98
15) Methyl Acetate	4.679	43	17375	23.708	ug/L	99
16) Methylene chloride	4.917	84	70963	22.822	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	67704	23.189	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	88153	25.469	ug/L	99
19) 1,1-Dichloroethane	6.222	63	118224	24.926	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	77081	25.002	ug/L	97
22) 2-Butanone	7.167	43	26273	51.701	ug/L	95
23) Bromochloromethane	7.520	128	34702	25.340	ug/L	80
25) Chloroform	7.679	83	134309	26.341	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	75217	26.490	ug/L	95
29) Cyclohexane	7.959	56	90314	23.302	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	113949	27.146	ug/L	99
31) Carbon tetrachloride	8.069	117	107113	27.582	ug/L	100
33) Benzene	8.325	78	277228	25.526	ug/L	100
34) Trichloroethene	9.093	95	78437	25.157	ug/L	97
35) Methylcyclohexane	9.331	83	123322	24.037	ug/L	99
37) 1,2-Dichloropropane	9.367	63	65561	25.689	ug/L	100
38) Bromodichloromethane	9.642	83	95639	28.074	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	107147	26.193	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	50047	51.955	ug/L	98
42) Toluene	10.386	91	318625	26.166	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	85662	26.384	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	53873	26.669	ug/L	98
46) Tetrachloroethene	10.861	164	65592	25.002	ug/L	94
48) 2-Hexanone	10.965	43	39150	53.659	ug/L	99
49) Dibromochloromethane	11.123	129	61862	26.861	ug/L	87
50) 1,2-Dibromoethane	11.233	107	48843	25.904	ug/L	92
51) Chlorobenzene	11.654	112	210958	26.047	ug/L	97
52) Ethylbenzene	11.727	91	361361	26.320	ug/L	100
53) m,p-Xylene	11.836	106	145499	27.022	ug/L	93
54) o-Xylene	12.160	106	133566	26.449	ug/L	98
55) Styrene	12.178	104	223577	26.581	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	55835	25.811	ug/L	97
59) Bromoform	12.349	173	37336	27.140	ug/L	99
60) Isopropylbenzene	12.458	105	381507	26.215	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39467	25.372	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	310574	26.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	300869	26.401	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175175	26.203	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	172906	25.437	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	152034	25.747	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	7972	25.813	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	129829	27.044	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	100895	26.027	ug/L	99
71) Naphthalene	15.360	128	154472	25.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86553	26.761	ug/L	98

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

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