

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082024\
 Data File : VW029953.D
 Acq On : 20 Aug 2024 09:57
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Aug 21 00:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 20 02:38:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	183665	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	180151	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	90591	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	57593	22.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.360%
7) Chloroethane-d5	2.899	69	50839	27.310	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.240%
11) 1,1-Dichloroethene-d2	4.027	65	25398	21.339	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.360%
21) 2-Butanone-d5	7.075	46	28256	39.538	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.080%
24) Chloroform-d	7.648	84	138262	29.081	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.320%
26) 1,2-Dichloroethane-d4	8.301	65	72390	26.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.920%
32) Benzene-d6	8.276	84	244716	25.141	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.560%
36) 1,2-Dichloropropane-d6	9.270	67	73161	23.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.160%
41) Toluene-d8	10.325	98	225692	26.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.575	79	29472	23.434	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.720%
47) 2-Hexanone-d5	10.922	63	21102	41.175	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62262	26.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	72431	25.749	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	56870	22.971	ug/L	97
3) Chloromethane	2.222	50	61371	20.033	ug/L	100
5) Vinyl chloride	2.375	62	87770	25.570	ug/L	97
6) Bromomethane	2.789	94	57967	30.754	ug/L	100
8) Chloroethane	2.936	64	57869	29.635	ug/L	100
9) Trichlorofluoromethane	3.271	101	86921	31.702	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	78231	28.648	ug/L	96
12) 1,1-Dichloroethene	4.039	96	69743	27.796	ug/L	88
13) Acetone	4.118	43	40684	45.808	ug/L	100
14) Carbon disulfide	4.387	76	188499	22.575	ug/L	98
15) Methyl Acetate	4.667	43	30073	20.329	ug/L #	89
16) Methylene chloride	4.917	84	88286	22.994	ug/L	83
17) trans-1,2-Dichloroethene	5.429	96	74711	27.631	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	114143	25.614	ug/L	100
19) 1,1-Dichloroethane	6.216	63	151425	26.554	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	83906	28.608	ug/L	92
22) 2-Butanone	7.167	43	42945	37.738	ug/L	87
23) Bromochloromethane	7.514	128	36752	29.517	ug/L #	81
25) Chloroform	7.679	83	167139	31.109	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	109176	27.883	ug/L	99
29) Cyclohexane	7.959	56	103841	20.283	ug/L	88
30) 1,1,1-Trichloroethane	7.874	97	134368	29.453	ug/L	96
31) Carbon tetrachloride	8.075	117	116482	28.336	ug/L	94
33) Benzene	8.319	78	334136	27.070	ug/L	100
34) Trichloroethene	9.093	95	87791	27.131	ug/L	98
35) Methylcyclohexane	9.337	83	133437	24.748	ug/L	94
37) 1,2-Dichloropropane	9.368	63	87484	25.863	ug/L	99
38) Bromodichloromethane	9.642	83	118590	29.441	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	126915	25.763	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	86322	40.177	ug/L #	92
42) Toluene	10.386	91	363870	28.880	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	107255	26.227	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	63112	27.773	ug/L	93
46) Tetrachloroethene	10.861	164	65147	27.700	ug/L	88
48) 2-Hexanone	10.965	43	66572	41.370	ug/L #	97
49) Dibromochloromethane	11.129	129	70154	29.738	ug/L	95
50) 1,2-Dibromoethane	11.233	107	59200	28.156	ug/L	100
51) Chlorobenzene	11.654	112	218997	27.944	ug/L	99
52) Ethylbenzene	11.727	91	404011	28.427	ug/L	99
53) m,p-Xylene	11.837	106	148229	28.359	ug/L	98
54) o-Xylene	12.166	106	140434	29.176	ug/L	98
55) Styrene	12.178	104	256701	30.767	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	79426	28.477	ug/L	97
59) Bromoform	12.349	173	40532	29.735	ug/L	98
60) Isopropylbenzene	12.458	105	399671	28.511	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	55128	25.021	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	320827	30.791	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	315338	28.298	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	174654	29.202	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	171502	27.916	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	148227	27.221	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	11585	23.157	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.629	180	108915	26.616	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	86172	24.996	ug/L	94
71) Naphthalene	15.360	128	156833	23.842	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	77866	24.955	ug/L	96

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

