

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071124\
 Data File : VW029538.D
 Acq On : 11 Jul 2024 18:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.22g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025534

Quant Time: Jul 12 04:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 04:31:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	277981	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	266510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127775	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101927	22.698	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.800%
7) Chloroethane-d5	2.899	69	77247	23.890	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	4.021	65	48918	24.259	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.040%
21) 2-Butanone-d5	7.075	46	60248	44.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
24) Chloroform-d	7.648	84	213793	26.604	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	8.307	65	120859	25.640	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.560%
32) Benzene-d6	8.276	84	416271	26.073	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.280%
36) 1,2-Dichloropropane-d6	9.276	67	134074	26.265	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.040%
41) Toluene-d8	10.319	98	377046	26.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	10.575	79	52858	24.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.800%
47) 2-Hexanone-d5	10.922	63	44118	47.562	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97929	23.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.520%
66) 1,2-Dichlorobenzene-d4	13.849	152	121339	27.268	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53225	19.553	ug/L	# 84
3) Chloromethane	2.223	50	80973	22.233	ug/L	98
5) Vinyl chloride	2.375	62	97676	23.501	ug/L	100
6) Bromomethane	2.790	94	59654	24.241	ug/L	91
8) Chloroethane	2.936	64	64130	25.076	ug/L	96
9) Trichlorofluoromethane	3.265	101	97156	25.969	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92501	25.123	ug/L	99
12) 1,1-Dichloroethene	4.045	96	87525	25.318	ug/L	99
13) Acetone	4.119	43	43138	31.706	ug/L	99
14) Carbon disulfide	4.393	76	271247	24.161	ug/L	99
15) Methyl Acetate	4.673	43	53324	22.323	ug/L	100
16) Methylene chloride	4.917	84	125305	25.178	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	99420	25.979	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	171033	26.267	ug/L	99
19) 1,1-Dichloroethane	6.216	63	209818	26.697	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111234	26.581	ug/L	99
22) 2-Butanone	7.167	43	69702	39.023	ug/L	99
23) Bromochloromethane	7.514	128	47741	25.363	ug/L	97
25) Chloroform	7.679	83	202652	26.650	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145442	25.500	ug/L	98
29) Cyclohexane	7.959	56	174093	26.234	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	156783	25.762	ug/L	98
31) Carbon tetrachloride	8.069	117	140119	25.140	ug/L	98
33) Benzene	8.325	78	444700	26.669	ug/L	100
34) Trichloroethene	9.093	95	114007	25.891	ug/L	95
35) Methylcyclohexane	9.337	83	190882	26.969	ug/L	98
37) 1,2-Dichloropropane	9.368	63	123268	26.733	ug/L	100
38) Bromodichloromethane	9.642	83	144766	25.704	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	181970	26.275	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	154732	47.614	ug/L	100
42) Toluene	10.386	91	462472	27.111	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	149395	25.168	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	81933	24.707	ug/L	99
46) Tetrachloroethene	10.861	164	81392	26.017	ug/L	92
48) 2-Hexanone	10.965	43	105822	43.345	ug/L	98
49) Dibromochloromethane	11.130	129	86354	25.022	ug/L	94
50) 1,2-Dibromoethane	11.233	107	76538	24.219	ug/L	97
51) Chlorobenzene	11.654	112	291396	26.424	ug/L	100
52) Ethylbenzene	11.727	91	535330	27.699	ug/L	98
53) m,p-Xylene	11.837	106	197770	27.875	ug/L	94
54) o-Xylene	12.160	106	192216	29.291	ug/L	96
55) Styrene	12.178	104	323568	28.041	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	97311	23.263	ug/L	97
59) Bromoform	12.349	173	48518	24.599	ug/L	95
60) Isopropylbenzene	12.459	105	516211	28.713	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	73475	23.760	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	398370	31.151	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	429147	30.405	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	219090	27.187	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	221334	26.810	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	199027	27.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.477	75	16008	21.654	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	145989	27.770	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	123990	26.804	ug/L	97
71) Naphthalene	15.354	128	244793	25.213	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108173	25.739	ug/L	99

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

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