

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042424\
 Data File : VW028528.D
 Acq On : 24 Apr 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025564

Quant Time: Apr 25 02:49:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 24 01:22:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	281395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131388	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	86083	19.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.905	69	74472	21.781	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.120%
11) 1,1-Dichloroethene-d2	4.021	65	39911	20.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.560%
21) 2-Butanone-d5	7.081	46	52498	62.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.380%
24) Chloroform-d	7.648	84	196623	26.778	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.120%
26) 1,2-Dichloroethane-d4	8.307	65	108229	28.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.440%
32) Benzene-d6	8.270	84	361555	24.690	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.270	67	110673	25.426	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.720%
41) Toluene-d8	10.318	98	325897	24.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.880%
43) trans-1,3-Dichloroprop...	10.575	79	45045	26.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.120%
47) 2-Hexanone-d5	10.922	63	36378	60.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92546	30.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.520%#
66) 1,2-Dichlorobenzene-d4	13.848	152	108723	26.166	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83819	22.147	ug/L	97
3) Chloromethane	2.222	50	105908	23.834	ug/L	98
5) Vinyl chloride	2.375	62	129062	24.389	ug/L	99
6) Bromomethane	2.789	94	79756	24.123	ug/L	99
8) Chloroethane	2.936	64	77594	24.324	ug/L	93
9) Trichlorofluoromethane	3.271	101	96316	22.815	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	100726	25.362	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93050	24.952	ug/L	92
13) Acetone	4.131	43	56004	54.031	ug/L	94
14) Carbon disulfide	4.393	76	283263	23.072	ug/L	99
15) Methyl Acetate	4.667	43	46544	27.908	ug/L	98
16) Methylene chloride	4.917	84	104583	24.562	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	98890	25.175	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	147783	26.745	ug/L	100
19) 1,1-Dichloroethane	6.216	63	203406	26.577	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	110355	26.470	ug/L	97
22) 2-Butanone	7.173	43	66407	52.792	ug/L	97
23) Bromochloromethane	7.514	128	47852	26.647	ug/L	96
25) Chloroform	7.679	83	204355	27.181	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	141856	27.337	ug/L	99
29) Cyclohexane	7.953	56	176193	24.884	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	162507	24.997	ug/L	99
31) Carbon tetrachloride	8.069	117	144957	25.145	ug/L	99
33) Benzene	8.319	78	427467	25.506	ug/L	100
34) Trichloroethene	9.087	95	115582	25.448	ug/L	96
35) Methylcyclohexane	9.331	83	191293	24.681	ug/L	99
37) 1,2-Dichloropropane	9.367	63	112939	25.855	ug/L	100
38) Bromodichloromethane	9.642	83	145229	26.823	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	166934	26.060	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	129386	59.169	ug/L	99
42) Toluene	10.386	91	461325	25.982	ug/L	97
44) trans-1,3-Dichloropropene	10.599	75	140127	27.040	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	79893	27.034	ug/L	96
46) Tetrachloroethene	10.861	164	84708	24.968	ug/L	88
48) 2-Hexanone	10.965	43	94833	54.636	ug/L	98
49) Dibromochloromethane	11.123	129	86744	27.462	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72479	26.871	ug/L	89
51) Chlorobenzene	11.654	112	280554	25.421	ug/L	99
52) Ethylbenzene	11.727	91	519297	25.801	ug/L	98
53) m,p-Xylene	11.830	106	192158	25.673	ug/L	95
54) o-Xylene	12.160	106	181522	26.046	ug/L	92
55) Styrene	12.178	104	320026	26.981	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	93756	28.033	ug/L	99
59) Bromoform	12.342	173	49225	28.383	ug/L	95
60) Isopropylbenzene	12.458	105	513873	26.088	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	67512	28.105	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	329652	26.258	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	403084	26.679	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	212906	25.474	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	220903	25.983	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	196930	26.787	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	14208	25.812	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	144914	25.197	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	117608	26.186	ug/L	90
71) Naphthalene	15.360	128	234244	29.470	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	108865	27.316	ug/L	98

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

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