

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042823\
 Data File : VW025749.D
 Acq On : 28 Apr 2023 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025585

Quant Time: Apr 29 00:23:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 28 02:55:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	568955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	528363	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	260706	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	139782	20.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.560%
7) Chloroethane-d5	2.899	69	116513	23.415	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.640%
11) 1,1-Dichloroethene-d2	4.027	63	354917	22.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.720%
21) 2-Butanone-d5	7.075	46	105644	46.128	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.260%
24) Chloroform-d	7.648	84	381294	24.982	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.920%
26) 1,2-Dichloroethane-d4	8.307	65	209621	25.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.760%
32) Benzene-d6	8.270	84	732543	22.836	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.270	67	234499	22.601	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.400%
41) Toluene-d8	10.325	98	680307	23.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.960%
43) trans-1,3-Dichloroprop...	10.575	79	91361	22.595	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.922	63	75685	46.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	184230	24.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.855	152	213266	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	189719	26.335	ug/L	# 89
3) Chloromethane	2.223	50	212276	22.306	ug/L	97
5) Vinyl chloride	2.375	62	219315	21.918	ug/L	97
6) Bromomethane	2.789	94	124387	23.496	ug/L	95
8) Chloroethane	2.936	64	125506	24.624	ug/L	95
9) Trichlorofluoromethane	3.265	101	146186	19.436	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	183669	23.400	ug/L	99
12) 1,1-Dichloroethene	4.039	96	177885	23.129	ug/L	87
13) Acetone	4.119	43	77961	36.724	ug/L	100
14) Carbon disulfide	4.387	76	637600	23.681	ug/L	100
15) Methyl Acetate	4.667	43	111213	26.451	ug/L	100
16) Methylene chloride	4.917	84	229786	21.380	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	199310	24.602	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	307305	26.359	ug/L	99
19) 1,1-Dichloroethane	6.216	63	413830	25.064	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	214452	25.236	ug/L	96
22) 2-Butanone	7.167	43	116527	43.293	ug/L	96
23) Bromochloromethane	7.514	128	90635	25.683	ug/L	95
25) Chloroform	7.673	83	388404	25.613	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	278600	26.842	ug/L	99
29) Cyclohexane	7.959	56	366149	22.275	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	311651	24.226	ug/L	98
31) Carbon tetrachloride	8.069	117	278001	23.819	ug/L	99
33) Benzene	8.319	78	885883	24.568	ug/L	100
34) Trichloroethene	9.093	95	216470	23.242	ug/L	98
35) Methylcyclohexane	9.331	83	372206	22.485	ug/L	100
37) 1,2-Dichloropropane	9.368	63	233324	24.006	ug/L	99
38) Bromodichloromethane	9.642	83	275308	25.060	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	327411	23.524	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	277864	47.396	ug/L	100
42) Toluene	10.386	91	914799	24.868	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	273526	23.921	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	153599	24.389	ug/L	99
46) Tetrachloroethene	10.861	164	153720	23.306	ug/L	94
48) 2-Hexanone	10.965	43	180855	43.808	ug/L	99
49) Dibromochloromethane	11.123	129	166656	25.548	ug/L	98
50) 1,2-Dibromoethane	11.233	107	143125	24.773	ug/L #	97
51) Chlorobenzene	11.654	112	552026	24.384	ug/L	99
52) Ethylbenzene	11.727	91	1037128	25.141	ug/L	98
53) m,p-Xylene	11.837	106	378571	24.859	ug/L	95
54) o-Xylene	12.166	106	363755	25.617	ug/L	97
55) Styrene	12.178	104	639181	26.553	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	185383	24.035	ug/L	99
59) Bromoform	12.349	173	90450	25.040	ug/L	97
60) Isopropylbenzene	12.458	105	994611	24.840	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	137673	24.281	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	813291	25.833	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	748616	26.324	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	409905	24.258	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	424739	24.791	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	374649	25.130	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	31059	23.926	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	265359	24.138	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	229525	24.451	ug/L	98
71) Naphthalene	15.360	128	423703	25.271	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	209470	25.281	ug/L	99

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

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