

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027681.D
 Acq On : 16 Dec 2023 10:32
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Dec 16 22:57:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 16 04:21:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	390026	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	348667	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	169306	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	121110	21.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
7) Chloroethane-d5	2.899	69	93028	21.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.520%
11) 1,1-Dichloroethene-d2	4.021	65	48645	21.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.960%
21) 2-Butanone-d5	7.094	46	40764	43.339	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.680%
24) Chloroform-d	7.648	84	222377	23.961	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	8.307	65	99674	22.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.480%
32) Benzene-d6	8.276	84	485514	23.826	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	9.276	67	131230	22.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	10.325	98	449367	23.768	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.080%
43) trans-1,3-Dichloroprop...	10.575	79	51635	23.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.922	63	35979	42.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98339	22.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	150074	24.763	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	103436	22.785	ug/L	94
3) Chloromethane	2.223	50	127701	23.883	ug/L	100
5) Vinyl chloride	2.375	62	152944	24.043	ug/L	98
6) Bromomethane	2.796	94	97449	24.068	ug/L	96
8) Chloroethane	2.936	64	87024	22.881	ug/L	97
9) Trichlorofluoromethane	3.271	101	144707	25.187	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	121136	24.821	ug/L	98
12) 1,1-Dichloroethene	4.045	96	118232	24.747	ug/L	93
13) Acetone	4.155	43	44708	52.361	ug/L	98
14) Carbon disulfide	4.387	76	390078	24.304	ug/L	99
15) Methyl Acetate	4.679	43	34451	22.333	ug/L	100
16) Methylene chloride	4.917	84	125811	20.573	ug/L	100
17) trans-1,2-Dichloroethene	5.435	96	122905	24.329	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	161239	24.140	ug/L	99
19) 1,1-Dichloroethane	6.222	63	210952	24.556	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	131930	24.808	ug/L	98
22) 2-Butanone	7.179	43	52699	46.478	ug/L	98
23) Bromochloromethane	7.514	128	55073	24.525	ug/L	92
25) Chloroform	7.679	83	208629	24.659	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	119714	24.135	ug/L	99
29) Cyclohexane	7.959	56	200112	24.257	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	176944	24.295	ug/L	99
31) Carbon tetrachloride	8.069	117	157672	24.600	ug/L	99
33) Benzene	8.325	78	501049	24.790	ug/L	100
34) Trichloroethene	9.093	95	133620	24.253	ug/L	93
35) Methylcyclohexane	9.331	83	245388	24.694	ug/L	99
37) 1,2-Dichloropropane	9.368	63	118937	24.377	ug/L	100
38) Bromodichloromethane	9.642	83	142360	24.006	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	184254	24.777	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	96117	45.073	ug/L	99
42) Toluene	10.386	91	545009	25.061	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	142336	24.305	ug/L	96
45) 1,1,2-Trichloroethane	10.788	97	84609	23.423	ug/L	98
46) Tetrachloroethene	10.861	164	108801	24.731	ug/L	92
48) 2-Hexanone	10.965	43	76119	47.957	ug/L	99
49) Dibromochloromethane	11.123	129	92790	24.560	ug/L	92
50) 1,2-Dibromoethane	11.233	107	82596	24.061	ug/L	91
51) Chlorobenzene	11.654	112	334560	24.079	ug/L	93
52) Ethylbenzene	11.727	91	603277	24.617	ug/L	95
53) m,p-Xylene	11.837	106	228488	24.274	ug/L	94
54) o-Xylene	12.160	106	226806	25.876	ug/L	94
55) Styrene	12.178	104	371583	25.148	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	95361	23.159	ug/L	99
59) Bromoform	12.349	173	49088	23.687	ug/L #	93
60) Isopropylbenzene	12.458	105	614300	25.708	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	66793	23.671	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	502052	26.284	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	492589	26.198	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	268509	26.004	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	268772	25.914	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	230962	25.723	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12315	21.846	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	183885	25.594	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	147526	25.004	ug/L	92
71) Naphthalene	15.360	128	252606	24.160	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	117689	23.857	ug/L	97

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

