

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030524\
 Data File : VW028089.D
 Acq On : 05 Mar 2024 09:59
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025502

Quant Time: Mar 05 23:52:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 01 00:41:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	283127	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268690	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140352	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	82568	24.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
7) Chloroethane-d5	2.899	69	67656	25.841	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.360%
11) 1,1-Dichloroethene-d2	4.027	65	34532	25.014	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.040%
21) 2-Butanone-d5	7.081	46	28862	59.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.720%
24) Chloroform-d	7.648	84	158152	26.373	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.480%
26) 1,2-Dichloroethane-d4	8.307	65	76620	27.454	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	8.276	84	319431	25.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.880%
36) 1,2-Dichloropropane-d6	9.270	67	81395	25.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.319	98	302797	25.616	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.480%
43) trans-1,3-Dichloroprop...	10.575	79	39487	27.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.200%
47) 2-Hexanone-d5	10.922	63	27728	60.744	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70162	27.431	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	103371	24.765	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74552	25.774	ug/L	90
3) Chloromethane	2.229	50	66451	24.162	ug/L	100
5) Vinyl chloride	2.381	62	94008	24.528	ug/L	100
6) Bromomethane	2.789	94	71814	23.486	ug/L	99
8) Chloroethane	2.936	64	58178	24.170	ug/L	94
9) Trichlorofluoromethane	3.271	101	84369	23.600	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	92640	24.926	ug/L	97
12) 1,1-Dichloroethene	4.045	96	84166	23.914	ug/L	80
13) Acetone	4.125	43	42353	62.848	ug/L	97
14) Carbon disulfide	4.399	76	258250	24.088	ug/L	97
15) Methyl Acetate	4.673	43	26312	27.625	ug/L	97
16) Methylene chloride	4.923	84	91191	23.414	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	92311	24.546	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	116353	25.263	ug/L	100
19) 1,1-Dichloroethane	6.222	63	147856	24.865	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	98477	24.882	ug/L	96
22) 2-Butanone	7.167	43	47644	63.304	ug/L	98
23) Bromochloromethane	7.514	128	45850	24.677	ug/L	96
25) Chloroform	7.679	83	162451	24.459	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	101668	25.742	ug/L	99
29) Cyclohexane	7.959	56	125349	24.260	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	144456	24.079	ug/L	99
31) Carbon tetrachloride	8.069	117	136613	24.386	ug/L	100
33) Benzene	8.325	78	349915	24.106	ug/L	100
34) Trichloroethene	9.087	95	100395	23.605	ug/L	96
35) Methylcyclohexane	9.337	83	168318	24.452	ug/L	99
37) 1,2-Dichloropropane	9.368	63	82558	24.423	ug/L	100
38) Bromodichloromethane	9.642	83	117185	24.000	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	140880	25.343	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	74403	55.416	ug/L	99
42) Toluene	10.386	91	393966	24.020	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	116089	25.707	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	68656	24.217	ug/L	99
46) Tetrachloroethene	10.855	164	81970	22.996	ug/L	95
48) 2-Hexanone	10.965	43	67756	62.413	ug/L	99
49) Dibromochloromethane	11.123	129	81249	24.653	ug/L	94
50) 1,2-Dibromoethane	11.233	107	68430	25.061	ug/L	93
51) Chlorobenzene	11.654	112	253299	23.145	ug/L	96
52) Ethylbenzene	11.727	91	444245	23.690	ug/L	93
53) m,p-Xylene	11.837	106	178527	24.537	ug/L	92
54) o-Xylene	12.166	106	166847	24.231	ug/L	92
55) Styrene	12.178	104	283626	24.152	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	76432	25.004	ug/L	96
59) Bromoform	12.343	173	48535	24.393	ug/L	93
60) Isopropylbenzene	12.458	105	459461	23.862	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	53029	24.579	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	309635	24.527	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	375561	24.947	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	211667	23.786	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	206033	22.934	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	185817	23.181	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	11858	26.168	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	150571	22.928	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	129057	24.471	ug/L	95
71) Naphthalene	15.360	128	221456	25.675	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	112363	25.478	ug/L	91

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

