

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW013024\
 Data File : VW027866.D
 Acq On : 30 Jan 2024 14:55
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025588

Quant Time: Jan 30 22:01:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 30 22:00:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	336331	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	300266	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	165291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85667	20.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.480%		
7) Chloroethane-d5	2.899	69	52024	14.456	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	57.840%		
11) 1,1-Dichloroethene-d2	4.021	65	37191	20.141	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	80.560%		
21) 2-Butanone-d5	7.081	46	38863	57.252	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	114.500%		
24) Chloroform-d	7.648	84	194629	23.931	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.720%		
26) 1,2-Dichloroethane-d4	8.307	65	92110	24.998	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.000%		
32) Benzene-d6	8.276	84	391908	22.997	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	9.276	67	112101	23.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.120%		
41) Toluene-d8	10.319	98	376844	23.653	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.600%		
43) trans-1,3-Dichloroprop...	10.575	79	47542	25.941	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.760%		
47) 2-Hexanone-d5	10.922	63	37756	61.008	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	122.020%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94602	28.166	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.680%		
66) 1,2-Dichlorobenzene-d4	13.848	152	145497	25.040	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	79361	22.747	ug/L	98
3) Chloromethane	2.223	50	88207	20.345	ug/L	99
5) Vinyl chloride	2.375	62	113466	25.930	ug/L	95
6) Bromomethane	2.796	94	76097	22.335	ug/L	95
8) Chloroethane	2.936	64	48666	16.881	ug/L	99
9) Trichlorofluoromethane	3.271	101	98105	19.538	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	103225	25.259	ug/L	97
12) 1,1-Dichloroethene	4.045	96	95434	23.855	ug/L	96
13) Acetone	4.149	43	38600	44.493	ug/L	99
14) Carbon disulfide	4.393	76	277966	22.604	ug/L	98
15) Methyl Acetate	4.686	43	30678	25.993	ug/L	95
16) Methylene chloride	4.917	84	107316	22.008	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	103137	24.129	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	136704	26.177	ug/L	99
19) 1,1-Dichloroethane	6.222	63	175766	24.239	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	114038	24.529	ug/L	97
22) 2-Butanone	7.179	43	47229	56.123	ug/L	100
23) Bromochloromethane	7.514	128	50763	25.166	ug/L	96
25) Chloroform	7.673	83	189596	25.291	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	111452	26.303	ug/L	97
29) Cyclohexane	7.959	56	148115	24.243	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	153072	25.417	ug/L	99
31) Carbon tetrachloride	8.069	117	139149	26.636	ug/L	98
33) Benzene	8.319	78	411404	24.822	ug/L	100
34) Trichloroethene	9.093	95	113469	25.047	ug/L	92
35) Methylcyclohexane	9.331	83	189495	24.853	ug/L	99
37) 1,2-Dichloropropane	9.368	63	101283	25.366	ug/L	99
38) Bromodichloromethane	9.642	83	132889	26.617	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	160737	26.125	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	89243	57.300	ug/L	99
42) Toluene	10.386	91	456962	25.334	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	132047	27.804	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	80773	27.002	ug/L	97
46) Tetrachloroethene	10.861	164	94054	25.462	ug/L	96
48) 2-Hexanone	10.965	43	68868	61.068	ug/L	99
49) Dibromochloromethane	11.129	129	94634	28.953	ug/L	96
50) 1,2-Dibromoethane	11.233	107	74795	27.128	ug/L	98
51) Chlorobenzene	11.654	112	302123	25.366	ug/L	98
52) Ethylbenzene	11.727	91	523660	25.755	ug/L	95
53) m,p-Xylene	11.837	106	204937	25.897	ug/L	100
54) o-Xylene	12.160	106	193968	26.166	ug/L	99
55) Styrene	12.178	104	330023	26.353	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.715	83	90911	28.189	ug/L	96
59) Bromoform	12.343	173	53750	26.483	ug/L #	93
60) Isopropylbenzene	12.458	105	538894	23.979	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	62618	25.019	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	436604	24.181	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	434103	24.232	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	249953	24.244	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	250184	24.827	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	218067	24.816	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12810	26.226	ug/L	83
69) 1,3,5-Trichlorobenzene	14.623	180	177211	24.965	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	145634	24.987	ug/L	92
71) Naphthalene	15.360	128	256777	26.819	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	128912	26.300	ug/L	98

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

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