

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121724\
 Data File : VW031304.D
 Acq On : 17 Dec 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025592

Quant Time: Dec 18 00:10:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 17 02:36:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	637968	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	548803	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	266370	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	247488	25.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.120%	
7) Chloroethane-d5	2.893	69	191772	27.008	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.040%	
11) 1,1-Dichloroethene-d2	4.015	65	118827	26.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 104.400%	
21) 2-Butanone-d5	7.093	46	101980	56.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.820%	
24) Chloroform-d	7.642	84	484515	27.719	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.880%	
26) 1,2-Dichloroethane-d4	8.300	65	254503	28.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 115.960%	
32) Benzene-d6	8.270	84	943830	26.832	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.320%	
36) 1,2-Dichloropropane-d6	9.270	67	274194	26.746	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 107.000%	
41) Toluene-d8	10.318	98	871511	26.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.520%	
43) trans-1,3-Dichloroprop...	10.574	79	124775	26.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.600%	
47) 2-Hexanone-d5	10.922	63	80068	58.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.160%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	191509	29.753	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.000%	
66) 1,2-Dichlorobenzene-d4	13.848	152	264617	26.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.040%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.009	85	153067	26.548	ug/L 98
3) Chloromethane	2.216	50	167901	25.921	ug/L 94
5) Vinyl chloride	2.369	62	233604	26.024	ug/L 96
6) Bromomethane	2.783	94	149697	27.125	ug/L 99
8) Chloroethane	2.929	64	144375	27.045	ug/L 97
9) Trichlorofluoromethane	3.259	101	246030	25.728	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	200493	25.964	ug/L 95
12) 1,1-Dichloroethene	4.033	96	204660	26.168	ug/L 95
13) Acetone	4.161	43	91594	36.382	ug/L # 100
14) Carbon disulfide	4.380	76	607924	23.834	ug/L 99
15) Methyl Acetate	4.679	43	76669	26.813	ug/L 97
16) Methylene chloride	4.911	84	200678	25.000	ug/L 98
17) trans-1,2-Dichloroethene	5.423	96	222524	26.396	ug/L 98
18) Methyl tert-butyl Ether	5.423	73	373730	26.518	ug/L 99
19) 1,1-Dichloroethane	6.209	63	416733	26.453	ug/L 99
20) cis-1,2-Dichloroethene	7.166	96	242291	26.564	ug/L 98
22) 2-Butanone	7.185	43	118000	38.683	ug/L 97
23) Bromochloromethane	7.508	128	97312	26.751	ug/L 93
25) Chloroform	7.672	83	416797	26.807	ug/L 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	270664	27.690	ug/L	100
29) Cyclohexane	7.953	56	363273	24.408	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	357972	25.236	ug/L	99
31) Carbon tetrachloride	8.063	117	327535	25.918	ug/L	99
33) Benzene	8.319	78	886421	26.137	ug/L	100
34) Trichloroethene	9.087	95	248206	25.923	ug/L	90
35) Methylcyclohexane	9.331	83	411556	24.682	ug/L	100
37) 1,2-Dichloropropane	9.361	63	222031	26.243	ug/L	99
38) Bromodichloromethane	9.642	83	287616	26.149	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	376677	26.347	ug/L	99
40) 4-Methyl-2-pentanone	10.202	43	232606	51.820	ug/L	100
42) Toluene	10.385	91	963963	26.106	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	304800	26.110	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	155980	27.717	ug/L	96
46) Tetrachloroethene	10.861	164	177866	25.360	ug/L	87
48) 2-Hexanone	10.965	43	168603	44.165	ug/L	98
49) Dibromochloromethane	11.123	129	179461	26.903	ug/L	92
50) 1,2-Dibromoethane	11.233	107	147496	27.668	ug/L	95
51) Chlorobenzene	11.653	112	605447	26.152	ug/L	97
52) Ethylbenzene	11.727	91	1123082	26.244	ug/L	97
53) m,p-Xylene	11.836	106	422446	25.931	ug/L	100
54) o-Xylene	12.159	106	410519	26.737	ug/L	95
55) Styrene	12.178	104	667245	26.126	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	172875	28.497	ug/L	98
59) Bromoform	12.348	173	92834	24.808	ug/L	98
60) Isopropylbenzene	12.458	105	1106676	25.388	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	126486	27.750	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	930623	25.182	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	893482	25.014	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	475314	26.913	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	451374	25.795	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	403678	26.528	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	28276	24.445	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	313290	25.329	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	248060	24.109	ug/L	99
71) Naphthalene	15.354	128	489367	27.128	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	217295	26.212	ug/L	98

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

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