

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111824\
 Data File : VW031039.D
 Acq On : 18 Nov 2024 11:27
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025568

Quant Time: Nov 19 00:23:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	354323	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	327186	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	171268	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	98901	17.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.080%
7) Chloroethane-d5	2.899	69	80192	17.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.960%
11) 1,1-Dichloroethene-d2	4.021	65	48062	20.044	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.160%
21) 2-Butanone-d5	7.075	46	53715	56.168	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.340%
24) Chloroform-d	7.648	84	249567	23.892	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.301	65	119726	23.053	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.270	84	479113	23.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	9.270	67	140948	23.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.080%
41) Toluene-d8	10.319	98	420352	23.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.240%
43) trans-1,3-Dichloroprop...	10.575	79	60015	24.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.840%
47) 2-Hexanone-d5	10.922	63	46499	59.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112842	27.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.120%
66) 1,2-Dichlorobenzene-d4	13.849	152	158972	25.482	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	79445	21.050	ug/L	98
3) Chloromethane	2.223	50	96766	19.027	ug/L	97
5) Vinyl chloride	2.375	62	118347	19.636	ug/L	98
6) Bromomethane	2.790	94	79918	20.195	ug/L	97
8) Chloroethane	2.930	64	73909	20.228	ug/L	96
9) Trichlorofluoromethane	3.265	101	136918	24.892	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	130643	25.800	ug/L #	89
12) 1,1-Dichloroethene	4.045	96	127105	27.753	ug/L	80
13) Acetone	4.119	43	73421	62.860	ug/L	93
14) Carbon disulfide	4.387	76	383293	25.459	ug/L	98
15) Methyl Acetate	4.673	43	48214	28.142	ug/L	98
16) Methylene chloride	4.911	84	133254	26.602	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	139118	27.689	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	205231	30.264	ug/L	97
19) 1,1-Dichloroethane	6.216	63	245802	26.217	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	151040	28.337	ug/L	90
22) 2-Butanone	7.167	43	81990	62.683	ug/L	97
23) Bromochloromethane	7.514	128	65622	28.113	ug/L	96
25) Chloroform	7.679	83	260717	26.428	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152225	24.777	ug/L	97
29) Cyclohexane	7.953	56	207699	26.490	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	214198	25.486	ug/L	97
31) Carbon tetrachloride	8.069	117	196589	26.031	ug/L	99
33) Benzene	8.319	78	571100	27.081	ug/L	100
34) Trichloroethene	9.087	95	153375	26.375	ug/L	90
35) Methylcyclohexane	9.337	83	259862	28.194	ug/L	96
37) 1,2-Dichloropropane	9.368	63	140922	26.738	ug/L	99
38) Bromodichloromethane	9.642	83	185249	26.765	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	220894	28.017	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	137669	57.117	ug/L	97
42) Toluene	10.386	91	611987	27.404	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	181715	27.743	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	106851	28.245	ug/L	98
46) Tetrachloroethene	10.861	164	128130	28.821	ug/L	91
48) 2-Hexanone	10.965	43	118676	64.718	ug/L	93
49) Dibromochloromethane	11.123	129	117879	28.579	ug/L	99
50) 1,2-Dibromoethane	11.233	107	100321	28.756	ug/L	100
51) Chlorobenzene	11.654	112	400714	28.037	ug/L	98
52) Ethylbenzene	11.727	91	703327	27.873	ug/L	97
53) m,p-Xylene	11.837	106	272197	28.682	ug/L	95
54) o-Xylene	12.160	106	256699	29.396	ug/L	98
55) Styrene	12.178	104	432143	28.964	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	120653	29.224	ug/L	99
59) Bromoform	12.349	173	71423	29.205	ug/L	97
60) Isopropylbenzene	12.459	105	722159	27.642	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	82297	25.630	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	592743	28.817	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	572660	28.588	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	329975	28.766	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	322048	27.346	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	289813	28.347	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	18752	27.585	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.623	180	224961	29.553	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	187199	30.971	ug/L	99
71) Naphthalene	15.360	128	336958	34.388	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	171857	32.991	ug/L	94

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

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