

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121824\
 Data File : VW031368.D
 Acq On : 19 Dec 2024 03:19
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025596

Quant Time: Dec 19 04:15:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 19 04:08:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	561071	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	510616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	251859	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	177771	21.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.240%
7) Chloroethane-d5	2.893	69	149569	23.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	4.015	65	81122	20.258	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.040%
21) 2-Butanone-d5	7.094	46	99830	62.793	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.580%
24) Chloroform-d	7.648	84	392802	25.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.307	65	221210	28.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	8.270	84	775009	23.681	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	9.270	67	234775	24.614	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.440%
41) Toluene-d8	10.319	98	703223	23.097	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	10.575	79	96933	22.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.160%
47) 2-Hexanone-d5	10.922	63	80082	62.431	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	187194	31.257	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.040%#
66) 1,2-Dichlorobenzene-d4	13.848	152	231977	24.810	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.240%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	103180	20.348	ug/L	100
3) Chloromethane	2.216	50	130540	22.915	ug/L	98
5) Vinyl chloride	2.375	62	182903	23.168	ug/L	96
6) Bromomethane	2.783	94	125881	25.936	ug/L	96
8) Chloroethane	2.930	64	122222	26.033	ug/L	100
9) Trichlorofluoromethane	3.259	101	167130	19.872	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	156981	23.115	ug/L	98
12) 1,1-Dichloroethene	4.039	96	155866	22.661	ug/L	98
13) Acetone	4.161	43	58593	26.464	ug/L #	100
14) Carbon disulfide	4.387	76	436694	19.467	ug/L	98
15) Methyl Acetate	4.679	43	75995	30.220	ug/L	96
16) Methylene chloride	4.917	84	179742	25.461	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	182374	24.598	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	348005	28.076	ug/L #	88
19) 1,1-Dichloroethane	6.210	63	354874	25.614	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	212140	26.446	ug/L	97
22) 2-Butanone	7.185	43	103908	38.732	ug/L	97
23) Bromochloromethane	7.514	128	92349	28.866	ug/L	85
25) Chloroform	7.673	83	384921	28.150	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	252758	29.402	ug/L	99
29) Cyclohexane	7.953	56	274101	19.794	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	281125	21.301	ug/L	98
31) Carbon tetrachloride	8.069	117	250855	21.335	ug/L	100
33) Benzene	8.319	78	777440	24.638	ug/L	100
34) Trichloroethene	9.087	95	212597	23.864	ug/L	93
35) Methylcyclohexane	9.331	83	315187	20.316	ug/L	98
37) 1,2-Dichloropropane	9.368	63	199028	25.283	ug/L	100
38) Bromodichloromethane	9.642	83	261779	25.580	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	306313	23.028	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	247495	59.261	ug/L	99
42) Toluene	10.386	91	837153	24.368	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	256079	23.577	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	156024	29.798	ug/L	99
46) Tetrachloroethene	10.861	164	152128	23.313	ug/L	94
48) 2-Hexanone	10.965	43	162260	45.682	ug/L	98
49) Dibromochloromethane	11.129	129	160490	25.858	ug/L	97
50) 1,2-Dibromoethane	11.233	107	148550	29.949	ug/L	96
51) Chlorobenzene	11.654	112	551332	25.595	ug/L	99
52) Ethylbenzene	11.727	91	964590	24.226	ug/L	99
53) m,p-Xylene	11.837	106	370336	24.432	ug/L	98
54) o-Xylene	12.160	106	362703	25.390	ug/L	99
55) Styrene	12.178	104	612179	25.763	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	171275	30.344	ug/L	98
59) Bromoform	12.343	173	92109	26.033	ug/L	97
60) Isopropylbenzene	12.458	105	959402	23.277	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	131390	30.487	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	822102	23.527	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	812500	24.057	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	430943	25.807	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	417495	25.233	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	372636	25.899	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	29679	27.137	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	272393	23.291	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	239340	24.602	ug/L	98
71) Naphthalene	15.360	128	499339	29.276	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	215062	27.437	ug/L	99

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

