

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031552.D
 Acq On : 27 Dec 2024 15:36
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025484

Quant Time: Dec 27 22:23:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 22:18:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	466520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	412210	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	213843	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	136086	19.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.899	69	122215	23.537	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	4.021	65	60706	18.232	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.920%
21) 2-Butanone-d5	7.106	46	71074	53.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.540%
24) Chloroform-d	7.648	84	303105	23.713	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.840%
26) 1,2-Dichloroethane-d4	8.307	65	156476	24.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.520%
32) Benzene-d6	8.270	84	562982	21.309	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.240%
36) 1,2-Dichloropropane-d6	9.270	67	175693	22.817	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	10.319	98	513347	20.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.560%
43) trans-1,3-Dichloroprop...	10.575	79	70413	19.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.320%
47) 2-Hexanone-d5	10.922	63	56170	54.243	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	138635	28.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	188283	23.717	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	89939	21.332	ug/L	99
3) Chloromethane	2.216	50	101890	21.511	ug/L	99
5) Vinyl chloride	2.369	62	163110	24.849	ug/L	98
6) Bromomethane	2.789	94	107917	26.741	ug/L	99
8) Chloroethane	2.936	64	112956	28.936	ug/L	99
9) Trichlorofluoromethane	3.265	101	175961	25.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	141516	25.061	ug/L	93
12) 1,1-Dichloroethene	4.045	96	133866	23.407	ug/L	81
13) Acetone	4.173	43	93822	50.963	ug/L #	100
14) Carbon disulfide	4.381	76	328109	17.591	ug/L	98
15) Methyl Acetate	4.692	43	51269	24.519	ug/L	98
16) Methylene chloride	4.917	84	167440	28.525	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	146435	23.753	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	262402	25.461	ug/L	99
19) 1,1-Dichloroethane	6.216	63	284734	24.717	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	171421	25.701	ug/L	97
22) 2-Butanone	7.185	43	102271	45.848	ug/L	100
23) Bromochloromethane	7.514	128	69457	26.111	ug/L	97
25) Chloroform	7.673	83	303867	26.726	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	187152	26.183	ug/L	100
29) Cyclohexane	7.953	56	228637	20.453	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	246104	23.099	ug/L	99
31) Carbon tetrachloride	8.069	117	214210	22.567	ug/L	98
33) Benzene	8.319	78	628992	24.692	ug/L	100
34) Trichloroethene	9.087	95	173834	24.171	ug/L	94
35) Methylcyclohexane	9.331	83	279363	22.305	ug/L	97
37) 1,2-Dichloropropane	9.368	63	160018	25.181	ug/L	99
38) Bromodichloromethane	9.642	83	202545	24.517	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	252396	23.504	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	168342	49.931	ug/L	98
42) Toluene	10.386	91	687284	24.781	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	205272	23.411	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	115643	27.359	ug/L	98
46) Tetrachloroethene	10.861	164	131207	24.907	ug/L	95
48) 2-Hexanone	10.965	43	151570	52.859	ug/L	96
49) Dibromochloromethane	11.129	129	123946	24.738	ug/L	90
50) 1,2-Dibromoethane	11.233	107	107397	26.821	ug/L	99
51) Chlorobenzene	11.654	112	459440	26.421	ug/L	96
52) Ethylbenzene	11.727	91	805195	25.050	ug/L	97
53) m,p-Xylene	11.837	106	303661	24.816	ug/L	87
54) o-Xylene	12.160	106	299077	25.934	ug/L	100
55) Styrene	12.178	104	501279	26.132	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	133450	29.287	ug/L	97
59) Bromoform	12.349	173	65686	21.865	ug/L	100
60) Isopropylbenzene	12.458	105	841474	24.046	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	96220	26.295	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	677594	22.839	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	673162	23.475	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	353944	24.964	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	348256	24.790	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	319861	26.183	ug/L #	85
68) 1,2-Dibromo-3-chloropr...	14.476	75	19836	21.361	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	237964	23.964	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	205414	24.868	ug/L	95
71) Naphthalene	15.360	128	381378	26.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	170351	25.597	ug/L	99

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

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