

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061324\
 Data File : VW029119.D
 Acq On : 13 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025503

Quant Time: Jun 14 05:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 13 00:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	249112	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232715	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	118981	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	79028	19.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
7) Chloroethane-d5	2.899	69	66994	22.045	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	4.027	65	34723	19.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.840%
21) 2-Butanone-d5	7.075	46	48892	60.467	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.940%
24) Chloroform-d	7.648	84	170526	23.994	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.960%
26) 1,2-Dichloroethane-d4	8.307	65	95448	25.510	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.040%
32) Benzene-d6	8.276	84	315792	22.109	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.270	67	99076	22.878	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.520%
41) Toluene-d8	10.318	98	277058	21.737	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.960%
43) trans-1,3-Dichloroprop...	10.575	79	38859	23.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.400%
47) 2-Hexanone-d5	10.922	63	33295	58.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.520%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84269	28.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	93475	22.139	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	59917	21.063	ug/L	99
3) Chloromethane	2.222	50	81698	23.508	ug/L	99
5) Vinyl chloride	2.375	62	103307	24.558	ug/L	98
6) Bromomethane	2.789	94	62857	24.939	ug/L	98
8) Chloroethane	2.936	64	65298	25.703	ug/L	97
9) Trichlorofluoromethane	3.265	101	85652	24.494	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	83682	24.253	ug/L #	69
12) 1,1-Dichloroethene	4.045	96	78748	25.009	ug/L	93
13) Acetone	4.118	43	50866	60.029	ug/L	99
14) Carbon disulfide	4.393	76	250215	23.471	ug/L	100
15) Methyl Acetate	4.667	43	42501	30.199	ug/L	99
16) Methylene chloride	4.917	84	95383	25.512	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	86650	25.239	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	133474	27.880	ug/L	98
19) 1,1-Dichloroethane	6.216	63	177366	26.277	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	95408	26.508	ug/L	96
22) 2-Butanone	7.173	43	63835	62.518	ug/L	99
23) Bromochloromethane	7.514	128	40563	25.818	ug/L	98
25) Chloroform	7.679	83	179889	27.440	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	127141	28.940	ug/L	97
29) Cyclohexane	7.959	56	148357	25.641	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	140884	26.128	ug/L	98
31) Carbon tetrachloride	8.069	117	126550	25.767	ug/L	98
33) Benzene	8.325	78	377731	26.104	ug/L	100
34) Trichloroethene	9.093	95	97671	25.674	ug/L	92
35) Methylcyclohexane	9.337	83	164980	25.564	ug/L	99
37) 1,2-Dichloropropane	9.367	63	102688	27.100	ug/L	100
38) Bromodichloromethane	9.642	83	126583	27.391	ug/L #	95
39) cis-1,3-Dichloropropene	10.069	75	146668	26.634	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	124149	64.413	ug/L	97
42) Toluene	10.386	91	398846	26.981	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	126383	28.467	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70325	27.480	ug/L	98
46) Tetrachloroethene	10.861	164	70294	24.321	ug/L	89
48) 2-Hexanone	10.965	43	91652	63.424	ug/L	98
49) Dibromochloromethane	11.129	129	76624	28.347	ug/L	96
50) 1,2-Dibromoethane	11.233	107	64670	27.682	ug/L	98
51) Chlorobenzene	11.654	112	245716	25.876	ug/L	98
52) Ethylbenzene	11.727	91	451732	26.896	ug/L	99
53) m,p-Xylene	11.836	106	167827	26.978	ug/L	97
54) o-Xylene	12.166	106	154914	26.894	ug/L	96
55) Styrene	12.178	104	274862	27.677	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	86040	29.782	ug/L	99
59) Bromoform	12.349	173	41395	27.056	ug/L	98
60) Isopropylbenzene	12.458	105	438159	26.021	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63643	28.357	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	324594	26.504	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	353214	27.290	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175924	24.312	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	188352	24.922	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	169939	26.202	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	13791	28.830	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	126409	25.443	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	101085	25.103	ug/L	98
71) Naphthalene	15.354	128	198286	28.901	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88214	25.641	ug/L	98

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

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