

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029437.D
 Acq On : 02 Jul 2024 11:44
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Jul 03 05:39:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	262087	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	244644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	120502	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	61500	16.953	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.800%
7) Chloroethane-d5	2.899	69	54259	17.712	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.840%
11) 1,1-Dichloroethene-d2	4.021	65	33044	18.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.480%
21) 2-Butanone-d5	7.075	46	46067	42.446	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.900%
24) Chloroform-d	7.648	84	166375	21.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.120%
26) 1,2-Dichloroethane-d4	8.307	65	89884	20.024	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.080%
32) Benzene-d6	8.276	84	315196	21.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.840%
36) 1,2-Dichloropropane-d6	9.270	67	103388	21.888	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.560%
41) Toluene-d8	10.325	98	274176	20.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	10.575	79	39451	20.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.920%
47) 2-Hexanone-d5	10.922	63	31839	42.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75712	20.139	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	94101	22.497	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	53042	20.744	ug/L	98
3) Chloromethane	2.223	50	70729	19.400	ug/L	98
5) Vinyl chloride	2.375	62	92328	22.051	ug/L	98
6) Bromomethane	2.789	94	53674	21.329	ug/L	95
8) Chloroethane	2.936	64	57784	22.564	ug/L	100
9) Trichlorofluoromethane	3.271	101	88195	27.170	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	84546	23.623	ug/L #	91
12) 1,1-Dichloroethene	4.045	96	79492	26.176	ug/L #	77
13) Acetone	4.119	43	61552	66.735	ug/L	96
14) Carbon disulfide	4.387	76	215415	21.729	ug/L	99
15) Methyl Acetate	4.667	43	41011	22.398	ug/L	99
16) Methylene chloride	4.917	84	91787	19.917	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	85275	25.285	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	140411	26.023	ug/L	99
19) 1,1-Dichloroethane	6.216	63	186877	25.656	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	99256	26.689	ug/L	96
22) 2-Butanone	7.173	43	68175	53.922	ug/L	100
23) Bromochloromethane	7.514	128	39788	24.033	ug/L	93
25) Chloroform	7.679	83	183683	25.825	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	123188	23.484	ug/L	100
29) Cyclohexane	7.953	56	148957	26.634	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	147938	27.194	ug/L	97
31) Carbon tetrachloride	8.069	117	130480	26.256	ug/L	97
33) Benzene	8.325	78	386469	26.291	ug/L	100
34) Trichloroethene	9.087	95	100311	25.578	ug/L	95
35) Methylcyclohexane	9.337	83	162771	26.391	ug/L	97
37) 1,2-Dichloropropane	9.368	63	107749	26.086	ug/L	98
38) Bromodichloromethane	9.642	83	130515	25.844	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	155730	26.672	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	118674	46.355	ug/L	98
42) Toluene	10.386	91	391495	25.907	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	127572	25.876	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	70024	24.342	ug/L	93
46) Tetrachloroethene	10.861	164	71361	26.030	ug/L	94
48) 2-Hexanone	10.965	43	98732	54.350	ug/L	100
49) Dibromochloromethane	11.123	129	77012	25.610	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63492	24.587	ug/L #	95
51) Chlorobenzene	11.654	112	255067	25.992	ug/L	96
52) Ethylbenzene	11.727	91	471419	27.482	ug/L	99
53) m,p-Xylene	11.837	106	172213	27.485	ug/L	92
54) o-Xylene	12.166	106	164853	28.152	ug/L	97
55) Styrene	12.178	104	283441	27.761	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	82259	23.117	ug/L	100
59) Bromoform	12.349	173	39390	23.850	ug/L	96
60) Isopropylbenzene	12.458	105	467348	29.107	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	59537	22.652	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	357188	30.717	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	371291	29.676	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	194059	27.928	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	197102	26.661	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	169604	26.403	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	12458	20.311	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	138244	29.480	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	108063	28.427	ug/L	97
71) Naphthalene	15.360	128	190650	25.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	92226	26.626	ug/L	96

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

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