

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081624\
 Data File : VW029939.D
 Acq On : 16 Aug 2024 18:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025582

Quant Time: Aug 17 00:38:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 17 00:33:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	185184	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	182073	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	91926	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50286	19.127	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
7) Chloroethane-d5	2.899	69	45201	24.082	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.320%
11) 1,1-Dichloroethene-d2	4.027	65	20346	16.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.800%
21) 2-Butanone-d5	7.075	46	30023	41.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.340%
24) Chloroform-d	7.648	84	120704	25.179	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.720%
26) 1,2-Dichloroethane-d4	8.307	65	66154	24.228	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.920%
32) Benzene-d6	8.276	84	211173	21.466	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.880%
36) 1,2-Dichloropropane-d6	9.270	67	66500	21.170	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.680%
41) Toluene-d8	10.318	98	193275	22.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	10.574	79	27483	21.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.480%
47) 2-Hexanone-d5	10.922	63	23568	45.501	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	62321	26.719	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	66368	23.251	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50054	20.052	ug/L	90
3) Chloromethane	2.222	50	64237	20.797	ug/L	99
5) Vinyl chloride	2.375	62	79639	23.010	ug/L	99
6) Bromomethane	2.789	94	55275	29.085	ug/L	99
8) Chloroethane	2.936	64	53799	27.325	ug/L	95
9) Trichlorofluoromethane	3.265	101	68573	24.805	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	63787	23.167	ug/L	93
12) 1,1-Dichloroethene	4.045	96	58894	23.280	ug/L	95
13) Acetone	4.124	43	31070	34.696	ug/L	96
14) Carbon disulfide	4.393	76	160959	19.119	ug/L	100
15) Methyl Acetate	4.673	43	32259	21.628	ug/L #	88
16) Methylene chloride	4.917	84	93749	24.216	ug/L	84
17) trans-1,2-Dichloroethene	5.429	96	68313	25.058	ug/L	91
18) Methyl tert-butyl Ether	5.429	73	117646	26.183	ug/L	98
19) 1,1-Dichloroethane	6.216	63	141324	24.579	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	80946	27.373	ug/L	88
22) 2-Butanone	7.173	43	44439	38.730	ug/L	87
23) Bromochloromethane	7.508	128	35643	28.391	ug/L #	74
25) Chloroform	7.673	83	154023	28.432	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	106604	27.003	ug/L	100
29) Cyclohexane	7.959	56	92098	17.800	ug/L	91
30) 1,1,1-Trichloroethane	7.874	97	117740	25.536	ug/L	95
31) Carbon tetrachloride	8.069	117	102156	24.588	ug/L	97
33) Benzene	8.325	78	308640	24.740	ug/L	100
34) Trichloroethene	9.093	95	80596	24.644	ug/L	97
35) Methylcyclohexane	9.337	83	114585	21.027	ug/L	94
37) 1,2-Dichloropropane	9.367	63	82234	24.054	ug/L	99
38) Bromodichloromethane	9.642	83	111644	27.424	ug/L	92
39) cis-1,3-Dichloropropene	10.068	75	119257	23.953	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	98362	45.297	ug/L #	92
42) Toluene	10.386	91	335340	26.335	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	105220	25.458	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	65052	28.324	ug/L	93
46) Tetrachloroethene	10.861	164	56440	23.745	ug/L	94
48) 2-Hexanone	10.965	43	71079	43.705	ug/L #	93
49) Dibromochloromethane	11.129	129	69349	29.087	ug/L	99
50) 1,2-Dibromoethane	11.233	107	59119	27.820	ug/L	88
51) Chlorobenzene	11.654	112	212386	26.814	ug/L	97
52) Ethylbenzene	11.727	91	380106	26.463	ug/L	97
53) m,p-Xylene	11.836	106	137668	26.060	ug/L	100
54) o-Xylene	12.166	106	131768	27.087	ug/L	96
55) Styrene	12.178	104	242636	28.775	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	82588	29.298	ug/L	98
59) Bromoform	12.349	173	38505	27.837	ug/L #	91
60) Isopropylbenzene	12.458	105	371539	26.119	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	58669	26.241	ug/L	96
62) 1,3,5-Trimethylbenzene	12.940	105	300739	28.443	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	301317	26.647	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	164868	27.165	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	172174	27.618	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	149409	27.040	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	13110	25.825	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	107044	25.779	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	93450	26.713	ug/L	94
71) Naphthalene	15.360	128	195825	29.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	85605	27.036	ug/L	95

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

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