

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
 Data File : VW030691.D
 Acq On : 22 Oct 2024 09:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025531

Quant Time: Oct 23 01:22:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 22 01:33:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	278261	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	131527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78466	17.940	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.760%
7) Chloroethane-d5	2.899	69	73379	22.163	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.640%
11) 1,1-Dichloroethene-d2	4.021	65	35490	19.509	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.040%
21) 2-Butanone-d5	7.075	46	43933	55.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.620%
24) Chloroform-d	7.648	84	200156	25.152	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.301	65	101420	24.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.040%
32) Benzene-d6	8.276	84	351056	23.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	9.276	67	110426	25.086	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.319	98	314549	22.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.920%
43) trans-1,3-Dichloroprop...	10.575	79	44318	24.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.922	63	33304	58.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90890	28.116	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	108739	24.434	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	67690	19.040	ug/L	90
3) Chloromethane	2.222	50	95190	23.037	ug/L	99
5) Vinyl chloride	2.375	62	124105	24.423	ug/L	98
6) Bromomethane	2.796	94	82987	24.812	ug/L	99
8) Chloroethane	2.936	64	80196	25.817	ug/L	97
9) Trichlorofluoromethane	3.271	101	110465	24.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	96744	23.650	ug/L	96
12) 1,1-Dichloroethene	4.039	96	91132	24.411	ug/L	97
13) Acetone	4.118	43	62855	54.544	ug/L	95
14) Carbon disulfide	4.387	76	266341	21.847	ug/L	100
15) Methyl Acetate	4.667	43	37620	26.428	ug/L	98
16) Methylene chloride	4.917	84	102122	24.276	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	100174	24.867	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	150444	26.684	ug/L	100
19) 1,1-Dichloroethane	6.222	63	198098	26.458	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	111407	25.928	ug/L	95
22) 2-Butanone	7.167	43	63270	50.935	ug/L	99
23) Bromochloromethane	7.508	128	47630	25.339	ug/L	93
25) Chloroform	7.673	83	212233	26.525	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135460	25.663	ug/L	100
29) Cyclohexane	7.959	56	156706	24.914	ug/L	96
30) 1,1,1-Trichloroethane	7.874	97	174484	25.437	ug/L	99
31) Carbon tetrachloride	8.075	117	154663	25.245	ug/L	96
33) Benzene	8.319	78	433888	25.803	ug/L	100
34) Trichloroethene	9.093	95	113831	24.333	ug/L	95
35) Methylcyclohexane	9.337	83	184419	25.049	ug/L	98
37) 1,2-Dichloropropane	9.367	63	111774	26.615	ug/L	99
38) Bromodichloromethane	9.642	83	148598	26.594	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	168850	26.655	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	113674	56.342	ug/L	98
42) Toluene	10.386	91	477980	26.644	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	141900	26.657	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	81161	26.740	ug/L	98
46) Tetrachloroethene	10.861	164	86537	25.080	ug/L	96
48) 2-Hexanone	10.965	43	94042	56.998	ug/L	97
49) Dibromochloromethane	11.129	129	90828	26.819	ug/L	97
50) 1,2-Dibromoethane	11.233	107	72461	25.585	ug/L #	90
51) Chlorobenzene	11.654	112	292534	25.332	ug/L	98
52) Ethylbenzene	11.727	91	556145	27.169	ug/L	98
53) m,p-Xylene	11.837	106	203527	26.539	ug/L	92
54) o-Xylene	12.166	106	192609	27.166	ug/L	93
55) Styrene	12.178	104	338790	27.952	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	93108	27.202	ug/L	94
59) Bromoform	12.349	173	49680	26.884	ug/L	97
60) Isopropylbenzene	12.458	105	549381	26.972	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	65029	25.408	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	441757	27.491	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	433910	27.579	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	233815	26.372	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	233550	25.512	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	203109	26.034	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	13845	24.261	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	153072	26.182	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	118897	25.262	ug/L	98
71) Naphthalene	15.360	128	200930	24.710	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97686	23.941	ug/L	96

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

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