

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111224\
 Data File : VW030991.D
 Acq On : 12 Nov 2024 12:18
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025560

Quant Time: Nov 13 00:14:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 12 00:19:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	427747	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	396983	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	206180	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	117897	16.805	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.240%
7) Chloroethane-d5	2.893	69	100369	18.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	4.021	65	60437	20.878	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.520%
21) 2-Butanone-d5	7.075	46	56984	49.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.720%
24) Chloroform-d	7.648	84	306359	24.295	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.301	65	142966	22.803	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	8.270	84	592269	24.015	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.270	67	174002	23.933	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	10.319	98	535619	24.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	10.575	79	67735	22.985	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.920%
47) 2-Hexanone-d5	10.922	63	48849	51.844	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.680%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	127145	25.101	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	176837	23.546	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	87517	19.208	ug/L	98
3) Chloromethane	2.222	50	107927	17.579	ug/L	98
5) Vinyl chloride	2.375	62	135486	18.621	ug/L	96
6) Bromomethane	2.783	94	88392	18.502	ug/L	96
8) Chloroethane	2.936	64	83721	18.980	ug/L	92
9) Trichlorofluoromethane	3.265	101	141831	21.359	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	135822	22.218	ug/L	90
12) 1,1-Dichloroethene	4.039	96	128418	23.227	ug/L	95
13) Acetone	4.112	43	64581	45.801	ug/L	96
14) Carbon disulfide	4.387	76	385294	21.199	ug/L	100
15) Methyl Acetate	4.667	43	44488	21.510	ug/L	100
16) Methylene chloride	4.911	84	138869	22.964	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	141120	23.266	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	196199	23.966	ug/L	98
19) 1,1-Dichloroethane	6.216	63	261056	23.064	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	155481	24.163	ug/L	95
22) 2-Butanone	7.167	43	71927	45.551	ug/L	98
23) Bromochloromethane	7.514	128	67541	23.968	ug/L	94
25) Chloroform	7.673	83	274096	23.015	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	158388	21.355	ug/L	98
29) Cyclohexane	7.953	56	216692	22.777	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	230713	22.624	ug/L	98
31) Carbon tetrachloride	8.069	117	204577	22.326	ug/L	98
33) Benzene	8.319	78	601875	23.522	ug/L	100
34) Trichloroethene	9.087	95	159979	22.673	ug/L	95
35) Methylcyclohexane	9.331	83	265262	23.720	ug/L	96
37) 1,2-Dichloropropane	9.368	63	150557	23.544	ug/L	99
38) Bromodichloromethane	9.642	83	188792	22.481	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	225426	23.565	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	126947	43.409	ug/L	98
42) Toluene	10.386	91	657293	24.258	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	180091	22.661	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	104443	22.754	ug/L	96
46) Tetrachloroethene	10.861	164	126779	23.504	ug/L	93
48) 2-Hexanone	10.965	43	102162	45.917	ug/L	99
49) Dibromochloromethane	11.123	129	120471	24.072	ug/L	97
50) 1,2-Dibromoethane	11.233	107	96991	22.913	ug/L	93
51) Chlorobenzene	11.654	112	410095	23.649	ug/L	97
52) Ethylbenzene	11.727	91	727409	23.759	ug/L	99
53) m,p-Xylene	11.831	106	282464	24.531	ug/L	98
54) o-Xylene	12.160	106	260467	24.583	ug/L	95
55) Styrene	12.178	104	461421	25.489	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	114037	22.765	ug/L	99
59) Bromoform	12.349	173	67030	22.768	ug/L	97
60) Isopropylbenzene	12.458	105	735942	23.400	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	79611	20.595	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	583688	23.572	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	586364	24.315	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	320895	23.237	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	319223	22.516	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	281011	22.832	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	16428	20.074	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	231319	25.242	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	178523	24.534	ug/L	100
71) Naphthalene	15.360	128	279892	23.728	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	156545	24.963	ug/L	94

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

