

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111524\
 Data File : VW031037.D
 Acq On : 15 Nov 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025567

Quant Time: Nov 16 00:42:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 16 00:35:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	294288	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	256228	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115863	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	93418	19.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	2.899	69	72793	19.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.640%
11) 1,1-Dichloroethene-d2	4.021	65	44513	22.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.400%
21) 2-Butanone-d5	7.075	46	50434	63.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.654	84	218222	25.153	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	8.301	65	114526	26.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	8.270	84	429892	27.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.040%
36) 1,2-Dichloropropane-d6	9.270	67	128883	27.465	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.880%
41) Toluene-d8	10.319	98	361769	25.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	10.575	79	52661	27.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.760%
47) 2-Hexanone-d5	10.922	63	41828	68.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103637	31.700	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.800%#
66) 1,2-Dichlorobenzene-d4	13.855	152	111729	26.473	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.009	85	57466	18.332	ug/L	93
3) Chloromethane	2.223	50	82391	19.506	ug/L	98
5) Vinyl chloride	2.375	62	93186	18.615	ug/L	96
6) Bromomethane	2.790	94	67438	20.518	ug/L	95
8) Chloroethane	2.936	64	60543	19.950	ug/L	99
9) Trichlorofluoromethane	3.265	101	103978	22.760	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	103463	24.600	ug/L	91
12) 1,1-Dichloroethene	4.045	96	95317	25.058	ug/L	81
13) Acetone	4.119	43	55633	57.348	ug/L	93
14) Carbon disulfide	4.387	76	290721	23.249	ug/L	98
15) Methyl Acetate	4.673	43	47852	33.629	ug/L	99
16) Methylene chloride	4.923	84	120333	28.923	ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	109418	26.220	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	188650	33.494	ug/L	97
19) 1,1-Dichloroethane	6.222	63	205168	26.347	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	124923	28.219	ug/L	96
22) 2-Butanone	7.167	43	70284	64.695	ug/L	98
23) Bromochloromethane	7.508	128	58847	30.353	ug/L	93
25) Chloroform	7.673	83	219166	26.749	ug/L	99

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

27) 1,2-Dichloroethane	8.398	62	139576	27.353	ug/L #	94
29) Cyclohexane	7.953	56	144308	23.502	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	167424	25.437	ug/L	97
31) Carbon tetrachloride	8.069	117	146789	24.819	ug/L	99
33) Benzene	8.325	78	463163	28.045	ug/L	100
34) Trichloroethene	9.087	95	113330	24.885	ug/L	90
35) Methylcyclohexane	9.337	83	172535	23.904	ug/L	96
37) 1,2-Dichloropropane	9.368	63	119773	29.019	ug/L	99
38) Bromodichloromethane	9.642	83	155816	28.746	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	182919	29.626	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	133221	70.578	ug/L	98
42) Toluene	10.386	91	467033	26.705	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	151053	29.448	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	96832	32.685	ug/L	97
46) Tetrachloroethene	10.861	164	80575	23.144	ug/L	93
48) 2-Hexanone	10.965	43	98780	68.785	ug/L	94
49) Dibromochloromethane	11.123	129	103895	32.164	ug/L	91
50) 1,2-Dibromoethane	11.233	107	89189	32.645	ug/L #	93
51) Chlorobenzene	11.654	112	296404	26.482	ug/L	98
52) Ethylbenzene	11.727	91	466063	23.585	ug/L	99
53) m,p-Xylene	11.837	106	183034	24.628	ug/L	92
54) o-Xylene	12.160	106	176415	25.797	ug/L	99
55) Styrene	12.178	104	318271	27.239	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	112075	34.664	ug/L	97
59) Bromoform	12.343	173	59094	35.719	ug/L	97
60) Isopropylbenzene	12.459	105	433212	24.512	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	78425	36.104	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	345735	24.846	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	343378	25.339	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	203474	26.220	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	208503	26.171	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	199186	28.799	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16651	36.207	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	125943	24.457	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	104685	25.601	ug/L	97
71) Naphthalene	15.360	128	237446	35.821	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	104479	29.648	ug/L	99

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

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