

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101524\
 Data File : VW030599.D
 Acq On : 15 Oct 2024 10:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025521

Quant Time: Oct 16 01:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 15 01:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	293329	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	265164	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134167	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	95859	20.791	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.160%
7) Chloroethane-d5	2.899	69	82660	23.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.021	65	40321	21.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.120%
21) 2-Butanone-d5	7.081	46	39302	47.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.740%
24) Chloroform-d	7.648	84	208065	24.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	8.300	65	105834	24.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.270	84	379996	24.691	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.760%
36) 1,2-Dichloropropane-d6	9.276	67	112978	25.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.040%
41) Toluene-d8	10.318	98	354046	25.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	10.574	79	46673	24.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.922	63	32232	55.400	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87523	26.383	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	117764	25.941	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	83328	22.235	ug/L	96
3) Chloromethane	2.222	50	107902	24.772	ug/L	97
5) Vinyl chloride	2.375	62	135624	25.319	ug/L	97
6) Bromomethane	2.789	94	91262	25.885	ug/L	96
8) Chloroethane	2.930	64	87182	26.625	ug/L	100
9) Trichlorofluoromethane	3.265	101	112840	23.543	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	105992	24.580	ug/L	97
12) 1,1-Dichloroethene	4.039	96	96091	24.417	ug/L	94
13) Acetone	4.131	43	57462	47.303	ug/L	99
14) Carbon disulfide	4.387	76	292122	22.731	ug/L	100
15) Methyl Acetate	4.673	43	35319	23.537	ug/L	96
16) Methylene chloride	4.917	84	103556	23.352	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	105527	24.850	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	149114	25.089	ug/L	99
19) 1,1-Dichloroethane	6.216	63	206009	26.101	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	116328	25.682	ug/L	95
22) 2-Butanone	7.173	43	58548	44.712	ug/L	96
23) Bromochloromethane	7.514	128	49349	24.905	ug/L	99
25) Chloroform	7.673	83	217644	25.804	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138582	24.905	ug/L	98
29) Cyclohexane	7.959	56	167666	25.976	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	182094	25.869	ug/L	97
31) Carbon tetrachloride	8.069	117	163857	26.063	ug/L	96
33) Benzene	8.325	78	453821	26.300	ug/L	100
34) Trichloroethene	9.087	95	124169	25.865	ug/L	93
35) Methylcyclohexane	9.331	83	193754	25.645	ug/L	99
37) 1,2-Dichloropropane	9.367	63	113237	26.275	ug/L	100
38) Bromodichloromethane	9.642	83	153150	26.710	ug/L	96
39) cis-1,3-Dichloropropene	10.068	75	177634	27.326	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	109883	53.073	ug/L	99
42) Toluene	10.386	91	488140	26.516	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	144333	26.422	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	79456	25.510	ug/L	97
46) Tetrachloroethene	10.861	164	90499	25.559	ug/L	93
48) 2-Hexanone	10.965	43	88454	52.243	ug/L	98
49) Dibromochloromethane	11.129	129	90779	26.120	ug/L	99
50) 1,2-Dibromoethane	11.233	107	72918	25.089	ug/L	100
51) Chlorobenzene	11.654	112	308259	26.012	ug/L	94
52) Ethylbenzene	11.727	91	574255	27.338	ug/L	99
53) m,p-Xylene	11.836	106	210533	26.752	ug/L	87
54) o-Xylene	12.166	106	199375	27.403	ug/L	90
55) Styrene	12.178	104	348464	28.016	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	87612	24.943	ug/L	99
59) Bromoform	12.342	173	46605	24.724	ug/L	99
60) Isopropylbenzene	12.458	105	576292	27.737	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	63460	24.307	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	460072	28.067	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	449402	28.001	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	235854	26.079	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	244295	26.160	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	210027	26.391	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.482	75	13765	23.646	ug/L #	87
69) 1,3,5-Trichlorobenzene	14.623	180	159208	26.696	ug/L	94
70) 1,2,4-trichlorobenzene	15.122	180	127909	26.642	ug/L	99
71) Naphthalene	15.360	128	228451	27.542	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	113051	27.162	ug/L	97

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

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