

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030583.D
 Acq On : 12 Oct 2024 06:26
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025518

Quant Time: Oct 14 04:54:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	322839	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301079	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	151967	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	112693	22.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.840%
7) Chloroethane-d5	2.899	69	101476	26.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.680%
11) 1,1-Dichloroethene-d2	4.021	65	44459	21.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.240%
21) 2-Butanone-d5	7.081	46	48744	53.376	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.760%
24) Chloroform-d	7.654	84	234012	25.346	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	8.307	65	121367	25.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.120%
32) Benzene-d6	8.276	84	430265	24.622	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.480%
36) 1,2-Dichloropropane-d6	9.270	67	127231	24.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.319	98	417764	26.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.760%
43) trans-1,3-Dichloroprop...	10.575	79	55844	26.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.000%
47) 2-Hexanone-d5	10.922	63	41239	62.426	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.860%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102476	27.206	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	133608	25.984	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	90665	21.981	ug/L	92
3) Chloromethane	2.222	50	127412	26.578	ug/L	99
5) Vinyl chloride	2.375	62	144862	24.572	ug/L	98
6) Bromomethane	2.789	94	114363	29.472	ug/L	98
8) Chloroethane	2.936	64	96610	26.807	ug/L	98
9) Trichlorofluoromethane	3.265	101	117666	22.306	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	107333	22.615	ug/L	99
12) 1,1-Dichloroethene	4.045	96	106780	24.653	ug/L	98
13) Acetone	4.131	43	38911	29.104	ug/L	97
14) Carbon disulfide	4.393	76	332714	23.523	ug/L	99
15) Methyl Acetate	4.673	43	44169	26.744	ug/L	98
16) Methylene chloride	4.917	84	119438	24.472	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	119134	25.490	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	186728	28.546	ug/L	98
19) 1,1-Dichloroethane	6.222	63	216517	24.925	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	136016	27.284	ug/L	94
22) 2-Butanone	7.173	43	58426	40.541	ug/L	97
23) Bromochloromethane	7.514	128	58449	26.801	ug/L	91
25) Chloroform	7.673	83	237112	25.543	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153492	25.064	ug/L	97
29) Cyclohexane	7.959	56	178166	24.310	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	190450	23.829	ug/L	99
31) Carbon tetrachloride	8.069	117	174410	24.432	ug/L	98
33) Benzene	8.325	78	500627	25.552	ug/L	100
34) Trichloroethene	9.087	95	133599	24.510	ug/L	96
35) Methylcyclohexane	9.331	83	207303	24.166	ug/L	96
37) 1,2-Dichloropropane	9.368	63	123762	25.292	ug/L	98
38) Bromodichloromethane	9.642	83	168298	25.850	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	192932	26.139	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	134937	57.400	ug/L	98
42) Toluene	10.386	91	543026	25.979	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	162962	26.274	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	97000	27.428	ug/L	96
46) Tetrachloroethene	10.861	164	102914	25.599	ug/L	98
48) 2-Hexanone	10.965	43	91843	47.774	ug/L	99
49) Dibromochloromethane	11.129	129	105985	26.858	ug/L	99
50) 1,2-Dibromoethane	11.233	107	90967	27.566	ug/L	99
51) Chlorobenzene	11.654	112	343978	25.564	ug/L	98
52) Ethylbenzene	11.727	91	619321	25.966	ug/L	98
53) m,p-Xylene	11.837	106	235466	26.351	ug/L	94
54) o-Xylene	12.160	106	223990	27.114	ug/L	92
55) Styrene	12.178	104	393903	27.892	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.714	83	108035	27.089	ug/L	99
59) Bromoform	12.349	173	57338	26.855	ug/L	100
60) Isopropylbenzene	12.458	105	611925	26.002	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	75456	25.517	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	503133	27.099	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	484591	26.657	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	269348	26.294	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	270616	25.585	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	235792	26.158	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17051	25.860	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	173662	25.708	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	143805	26.444	ug/L	93
71) Naphthalene	15.360	128	299373	31.864	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	136862	29.031	ug/L	99

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

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