

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060324\
 Data File : VW028957.D
 Acq On : 03 Jun 2024 12:07
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025487

Quant Time: Jun 04 02:19:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 04 02:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	343811	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	316226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	154518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	138627	25.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.520%
7) Chloroethane-d5	2.899	69	109997	26.226	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.021	65	62022	25.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.360%
21) 2-Butanone-d5	7.075	46	66454	59.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.100%
24) Chloroform-d	7.648	84	258001	26.304	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	8.307	65	140520	27.212	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.840%
32) Benzene-d6	8.276	84	524178	27.007	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.040%
36) 1,2-Dichloropropane-d6	9.270	67	157136	26.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.800%
41) Toluene-d8	10.319	98	476623	27.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.080%
43) trans-1,3-Dichloroprop...	10.575	79	62932	27.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.320%
47) 2-Hexanone-d5	10.922	63	45817	58.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114288	27.956	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.840%
66) 1,2-Dichlorobenzene-d4	13.849	152	147082	26.824	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	87554	22.301	ug/L	96
3) Chloromethane	2.223	50	121393	25.309	ug/L	98
5) Vinyl chloride	2.375	62	139201	23.976	ug/L	97
6) Bromomethane	2.790	94	86708	24.926	ug/L	98
8) Chloroethane	2.930	64	87774	25.034	ug/L	97
9) Trichlorofluoromethane	3.265	101	115051	23.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111093	23.329	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	111725	25.708	ug/L	98
13) Acetone	4.119	43	63424	54.233	ug/L	98
14) Carbon disulfide	4.393	76	373087	25.357	ug/L	98
15) Methyl Acetate	4.667	43	59190	30.474	ug/L	99
16) Methylene chloride	4.917	84	123183	23.872	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	122077	25.764	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	192105	29.074	ug/L #	90
19) 1,1-Dichloroethane	6.216	63	244663	26.264	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	135287	27.235	ug/L	97
22) 2-Butanone	7.167	43	84495	59.959	ug/L	100
23) Bromochloromethane	7.514	128	57707	26.613	ug/L	98
25) Chloroform	7.673	83	241047	26.641	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	166115	27.397	ug/L	97
29) Cyclohexane	7.959	56	214942	27.338	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	190501	26.000	ug/L	100
31) Carbon tetrachloride	8.069	117	172538	25.853	ug/L	99
33) Benzene	8.319	78	530704	26.990	ug/L	100
34) Trichloroethene	9.093	95	139397	26.966	ug/L	91
35) Methylcyclohexane	9.331	83	239441	27.304	ug/L	99
37) 1,2-Dichloropropane	9.368	63	140158	27.220	ug/L	99
38) Bromodichloromethane	9.642	83	169862	27.049	ug/L #	99
39) cis-1,3-Dichloropropene	10.069	75	214764	28.700	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	164510	62.813	ug/L	98
42) Toluene	10.386	91	554367	27.598	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	175930	29.163	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	95049	27.332	ug/L	96
46) Tetrachloroethene	10.861	164	101571	25.862	ug/L	97
48) 2-Hexanone	10.965	43	121835	62.046	ug/L	99
49) Dibromochloromethane	11.123	129	103272	28.116	ug/L	90
50) 1,2-Dibromoethane	11.233	107	91884	28.944	ug/L	96
51) Chlorobenzene	11.654	112	348116	26.979	ug/L	93
52) Ethylbenzene	11.727	91	635872	27.862	ug/L	97
53) m,p-Xylene	11.837	106	234923	27.791	ug/L	87
54) o-Xylene	12.160	106	226948	28.994	ug/L	96
55) Styrene	12.178	104	382515	28.345	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.709	83	116379	29.645	ug/L	99
59) Bromoform	12.349	173	55422	27.893	ug/L	95
60) Isopropylbenzene	12.459	105	611657	27.970	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	84039	28.833	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	456080	28.675	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	494726	29.432	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	255021	27.137	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	264207	26.919	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	238641	28.333	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18465	29.723	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	184012	28.519	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	151796	29.027	ug/L	95
71) Naphthalene	15.360	128	287702	32.289	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	132947	29.756	ug/L	98

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

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