

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
 Data File : VW028080.D
 Acq On : 28 Feb 2024 17:16
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025501

Quant Time: Feb 28 23:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 23:27:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250791	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126521	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43475	14.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
7) Chloroethane-d5	2.899	69	42761	19.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.021	65	21624	17.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.840%
21) 2-Butanone-d5	7.075	46	30796	67.476	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.960%
24) Chloroform-d	7.648	84	130332	22.226	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	8.307	65	63291	23.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.270	84	244750	19.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.560%
36) 1,2-Dichloropropane-d6	9.276	67	70152	20.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	10.319	98	233332	19.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.280%
43) trans-1,3-Dichloroprop...	10.575	79	31151	22.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	10.922	63	30138	65.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69882	27.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	93635	21.774	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	39908	18.479	ug/L	100
3) Chloromethane	2.222	50	41278	17.404	ug/L	100
5) Vinyl chloride	2.375	62	63076	19.621	ug/L	99
6) Bromomethane	2.789	94	50557	22.257	ug/L	99
8) Chloroethane	2.936	64	43320	23.850	ug/L	93
9) Trichlorofluoromethane	3.265	101	61198	20.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	67211	22.823	ug/L	96
12) 1,1-Dichloroethene	4.051	96	62361	22.764	ug/L	81
13) Acetone	4.118	43	27023	60.890	ug/L	97
14) Carbon disulfide	4.393	76	149165	18.392	ug/L	99
15) Methyl Acetate	4.673	43	22625	30.623	ug/L	99
16) Methylene chloride	4.923	84	74508	23.769	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	66799	22.695	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	100434	28.784	ug/L	99
19) 1,1-Dichloroethane	6.222	63	117391	24.552	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	79516	25.584	ug/L	97
22) 2-Butanone	7.167	43	33653	65.691	ug/L	99
23) Bromochloromethane	7.514	128	37396	27.087	ug/L	80
25) Chloroform	7.679	83	134948	26.254	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82394	28.784	ug/L	95
29) Cyclohexane	7.959	56	87019	20.960	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	112500	25.020	ug/L	100
31) Carbon tetrachloride	8.075	117	105658	25.400	ug/L	97
33) Benzene	8.325	78	270465	23.248	ug/L	100
34) Trichloroethene	9.093	95	76915	23.030	ug/L	97
35) Methylcyclohexane	9.337	83	118323	21.530	ug/L	99
37) 1,2-Dichloropropane	9.367	63	66725	24.408	ug/L	99
38) Bromodichloromethane	9.642	83	97965	26.846	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	112681	25.716	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	65955	63.920	ug/L	99
42) Toluene	10.386	91	308954	23.686	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	96280	27.684	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	60585	27.999	ug/L	96
46) Tetrachloroethene	10.861	164	64517	22.958	ug/L	92
48) 2-Hexanone	10.965	43	50470	64.578	ug/L	99
49) Dibromochloromethane	11.123	129	69736	28.269	ug/L	92
50) 1,2-Dibromoethane	11.233	107	57074	28.258	ug/L	94
51) Chlorobenzene	11.654	112	217389	25.058	ug/L	99
52) Ethylbenzene	11.727	91	358734	24.393	ug/L	100
53) m,p-Xylene	11.837	106	142600	24.724	ug/L	88
54) o-Xylene	12.160	106	133130	24.611	ug/L	94
55) Styrene	12.178	104	231807	25.728	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	70843	30.573	ug/L	100
59) Bromoform	12.343	173	42447	28.424	ug/L	97
60) Isopropylbenzene	12.458	105	388263	24.578	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49455	29.289	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	306800	24.269	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	310951	25.137	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	176601	24.335	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	180252	24.429	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	161002	25.119	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10673	31.837	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	128266	24.614	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	99829	23.723	ug/L	93
71) Naphthalene	15.354	128	192202	29.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	93946	26.758	ug/L	98

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

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