

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050824\
 Data File : VW028592.D
 Acq On : 08 May 2024 08:56
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025576

Quant Time: May 09 00:51:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 08 04:24:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301306	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	282248	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	141239	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	142073	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
7) Chloroethane-d5	2.899	69	111889	25.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.160%
11) 1,1-Dichloroethene-d2	4.027	65	60260	25.208	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.840%
21) 2-Butanone-d5	7.075	46	60531	40.550	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.100%
24) Chloroform-d	7.655	84	250547	26.612	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.440%
26) 1,2-Dichloroethane-d4	8.307	65	137223	25.459	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.840%
32) Benzene-d6	8.276	84	486670	25.844	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.360%
36) 1,2-Dichloropropane-d6	9.276	67	144652	25.527	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.120%
41) Toluene-d8	10.325	98	437726	26.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	10.575	79	58202	25.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.120%
47) 2-Hexanone-d5	10.922	63	43525	44.534	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.060%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	107124	22.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.160%
66) 1,2-Dichlorobenzene-d4	13.849	152	135180	25.111	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	109733	25.061	ug/L	96
3) Chloromethane	2.229	50	131385	24.221	ug/L	98
5) Vinyl chloride	2.375	62	149764	24.523	ug/L	98
6) Bromomethane	2.796	94	86386	24.452	ug/L	98
8) Chloroethane	2.942	64	90145	25.882	ug/L	98
9) Trichlorofluoromethane	3.271	101	128871	25.703	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	106078	22.947	ug/L	93
12) 1,1-Dichloroethene	4.052	96	104054	25.093	ug/L	90
13) Acetone	4.125	43	66870	49.242	ug/L	100
14) Carbon disulfide	4.393	76	343818	24.532	ug/L	99
15) Methyl Acetate	4.673	43	46969	19.880	ug/L	98
16) Methylene chloride	4.923	84	106532	22.861	ug/L	94
17) trans-1,2-Dichloroethene	5.435	96	107072	24.801	ug/L	99
18) Methyl tert-butyl Ether	5.435	73	149435	23.455	ug/L	100
19) 1,1-Dichloroethane	6.222	63	214636	25.071	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	114117	25.257	ug/L	97
22) 2-Butanone	7.167	43	74688	42.850	ug/L	100
23) Bromochloromethane	7.514	128	47087	23.891	ug/L	94
25) Chloroform	7.679	83	207111	25.012	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146279	24.302	ug/L	99
29) Cyclohexane	7.959	56	198429	24.657	ug/L	100
30) 1,1,1-Trichloroethane	7.880	97	172562	24.398	ug/L	99
31) Carbon tetrachloride	8.075	117	157049	24.353	ug/L	99
33) Benzene	8.325	78	449061	24.535	ug/L	100
34) Trichloroethene	9.093	95	119864	24.426	ug/L	94
35) Methylcyclohexane	9.337	83	212615	24.793	ug/L	99
37) 1,2-Dichloropropane	9.368	63	116823	24.495	ug/L	100
38) Bromodichloromethane	9.648	83	144949	24.933	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	176855	25.872	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	132641	40.864	ug/L	100
42) Toluene	10.386	91	487368	25.782	ug/L	93
44) trans-1,3-Dichloropropene	10.605	75	146180	25.363	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	78861	22.826	ug/L	98
46) Tetrachloroethene	10.861	164	87787	24.830	ug/L	97
48) 2-Hexanone	10.965	43	106235	46.359	ug/L	99
49) Dibromochloromethane	11.123	129	85384	24.640	ug/L	100
50) 1,2-Dibromoethane	11.233	107	73909	22.838	ug/L	97
51) Chlorobenzene	11.654	112	290138	24.812	ug/L	99
52) Ethylbenzene	11.727	91	541151	25.296	ug/L	97
53) m,p-Xylene	11.837	106	200487	25.566	ug/L	92
54) o-Xylene	12.166	106	188116	25.931	ug/L	88
55) Styrene	12.178	104	323081	26.283	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	92367	21.310	ug/L	95
59) Bromoform	12.343	173	46692	22.660	ug/L	98
60) Isopropylbenzene	12.459	105	534359	24.937	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68922	20.192	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	394062	25.992	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	423032	25.897	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	216722	24.312	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	216553	23.762	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	195235	24.470	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14932	18.710	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	144705	24.191	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	116829	24.172	ug/L	98
71) Naphthalene	15.360	128	228991	22.238	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	104847	24.041	ug/L	97

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

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