

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028014.D
 Acq On : 15 Feb 2024 09:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025486

Quant Time: Feb 15 20:50:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	250227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	65820	19.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
7) Chloroethane-d5	2.905	69	57347	22.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.760%
11) 1,1-Dichloroethene-d2	4.021	65	30256	21.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.840%
21) 2-Butanone-d5	7.075	46	27594	53.887	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.780%
24) Chloroform-d	7.654	84	152019	23.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	8.307	65	70195	23.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.480%
32) Benzene-d6	8.276	84	308353	23.032	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.120%
36) 1,2-Dichloropropane-d6	9.276	67	81085	22.338	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.325	98	294747	23.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.040%
43) trans-1,3-Dichloroprop...	10.575	79	35609	23.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.922	63	25921	52.499	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68284	25.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	105749	24.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	56965	23.509	ug/L	97
3) Chloromethane	2.222	50	52402	19.692	ug/L	100
5) Vinyl chloride	2.375	62	78443	21.749	ug/L	99
6) Bromomethane	2.796	94	56448	22.149	ug/L	99
8) Chloroethane	2.942	64	49809	24.442	ug/L	93
9) Trichlorofluoromethane	3.271	101	74780	22.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.088	101	77416	23.431	ug/L	95
12) 1,1-Dichloroethene	4.051	96	71120	23.139	ug/L	86
13) Acetone	4.125	43	30963	62.183	ug/L	96
14) Carbon disulfide	4.393	76	190853	20.974	ug/L	99
15) Methyl Acetate	4.667	43	21142	25.505	ug/L	99
16) Methylene chloride	4.923	84	76200	21.666	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	75247	22.786	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	100921	25.779	ug/L	100
19) 1,1-Dichloroethane	6.222	63	129398	24.121	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	85531	24.528	ug/L	94
22) 2-Butanone	7.167	43	33742	58.704	ug/L	99
23) Bromochloromethane	7.514	128	39253	25.341	ug/L	85
25) Chloroform	7.679	83	142967	24.790	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82388	25.653	ug/L	96
29) Cyclohexane	7.959	56	106199	23.812	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	123871	25.644	ug/L	99
31) Carbon tetrachloride	8.069	117	116456	26.060	ug/L	98
33) Benzene	8.325	78	298954	23.920	ug/L	100
34) Trichloroethene	9.093	95	85146	23.732	ug/L	92
35) Methylcyclohexane	9.337	83	139618	23.648	ug/L	98
37) 1,2-Dichloropropane	9.368	63	71017	24.181	ug/L	99
38) Bromodichloromethane	9.642	83	101683	25.939	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	119608	25.409	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	62220	56.131	ug/L	99
42) Toluene	10.386	91	337340	24.074	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	97748	26.163	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	59071	25.411	ug/L	97
46) Tetrachloroethene	10.861	164	69128	22.898	ug/L	87
48) 2-Hexanone	10.965	43	47759	56.883	ug/L	99
49) Dibromochloromethane	11.129	129	68705	25.925	ug/L	95
50) 1,2-Dibromoethane	11.233	107	55552	25.603	ug/L	96
51) Chlorobenzene	11.654	112	229552	24.630	ug/L	97
52) Ethylbenzene	11.727	91	391316	24.768	ug/L	98
53) m,p-Xylene	11.831	106	149306	24.097	ug/L	91
54) o-Xylene	12.166	106	145642	25.063	ug/L	100
55) Styrene	12.178	104	247761	25.597	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	65037	26.127	ug/L	97
59) Bromoform	12.343	173	41928	27.565	ug/L	96
60) Isopropylbenzene	12.458	105	420143	26.111	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	46089	26.798	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	341767	26.542	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	334997	26.587	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	189697	25.663	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	185906	24.736	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	169132	25.906	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	9541	27.942	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	135197	25.471	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	116883	27.269	ug/L	96
71) Naphthalene	15.354	128	181261	27.214	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	93810	26.233	ug/L	99

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

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