

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022328.D
 Acq On : 14 Mar 2022 18:25
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025584

Quant Time: Mar 15 01:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Mar 15 01:03:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129010	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	123014	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75245	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39272	23.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.360%
7) Chloroethane-d5	2.879	69	34876	26.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.360%
11) 1,1-Dichloroethene-d2	4.013	63	53871	20.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.640%
21) 2-Butanone-d5	7.080	46	18976	67.072	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.140%
24) Chloroform-d	7.647	84	75412	26.199	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	8.305	65	38882	25.987	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.960%
32) Benzene-d6	8.268	84	138063	24.115	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.480%
36) 1,2-Dichloropropane-d6	9.274	67	39891	25.090	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.323	98	131986	23.189	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	10.573	79	17885	25.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.480%
47) 2-Hexanone-d5	10.920	63	16466	62.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.940%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42085	30.161	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	58649	24.267	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10647	29.530	ug/L	96
3) Chloromethane	2.215	50	27478	22.241	ug/L	100
5) Vinyl chloride	2.355	62	45992	24.775	ug/L	98
6) Bromomethane	2.776	94	32779	25.283	ug/L	93
8) Chloroethane	2.916	64	30184	28.944	ug/L	98
9) Trichlorofluoromethane	3.251	101	28065	22.268	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	39396	25.621	ug/L	97
12) 1,1-Dichloroethene	4.037	96	31088	23.328	ug/L	97
13) Acetone	4.117	43	13525	58.531	ug/L	97
14) Carbon disulfide	4.379	76	56929	16.477	ug/L	97
15) Methyl Acetate	4.672	43	15072	28.973	ug/L #	78
16) Methylene chloride	4.915	84	40006	25.264	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	34734	23.729	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	59122	29.688	ug/L	100
19) 1,1-Dichloroethane	6.214	63	64523	27.228	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	42087	26.542	ug/L	98
22) 2-Butanone	7.171	43	21560	64.952	ug/L	97
23) Bromochloromethane	7.513	128	21382	27.604	ug/L	98
25) Chloroform	7.677	83	77698	28.101	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	47311	27.780	ug/L	100
29) Cyclohexane	7.951	56	45506	22.228	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	64827	26.194	ug/L	98
31) Carbon tetrachloride	8.067	117	60070	25.538	ug/L	100
33) Benzene	8.323	78	152621	25.662	ug/L	100
34) Trichloroethene	9.091	95	42557	24.991	ug/L	99
35) Methylcyclohexane	9.335	83	59507	22.592	ug/L	99
37) 1,2-Dichloropropane	9.366	63	38462	27.720	ug/L	98
38) Bromodichloromethane	9.640	83	57612	28.955	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	59162	28.051	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	49729	66.368	ug/L	98
42) Toluene	10.384	91	176529	26.225	ug/L	95
44) trans-1,3-Dichloropropene	10.603	75	54420	28.714	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	34788	28.275	ug/L	96
46) Tetrachloroethene	10.859	164	36120	24.213	ug/L	91
48) 2-Hexanone	10.969	43	34387	66.122	ug/L	95
49) Dibromochloromethane	11.128	129	46306	30.985	ug/L	96
50) 1,2-Dibromoethane	11.231	107	34074	28.713	ug/L	100
51) Chlorobenzene	11.658	112	127978	27.318	ug/L	94
52) Ethylbenzene	11.731	91	201470	27.044	ug/L	100
53) m,p-Xylene	11.835	106	81781	26.679	ug/L	99
54) o-Xylene	12.164	106	80215	27.811	ug/L	94
55) Styrene	12.176	104	142370	29.444	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	45996	32.220	ug/L	99
59) Bromoform	12.347	173	26658	26.791	ug/L #	98
60) Isopropylbenzene	12.463	105	224127	24.813	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31586	26.597	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	157586	26.237	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	186544	25.413	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	113912	25.422	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	110736	24.662	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	103515	25.984	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	7091	28.245	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.621	180	78771	24.493	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	62673	25.755	ug/L	93
71) Naphthalene	15.365	128	123357	28.716	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	57688	27.408	ug/L	95

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

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