

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031522\
 Data File : VW022351.D
 Acq On : 15 Mar 2022 20:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025586

Quant Time: Mar 16 05:37:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 16 05:30:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	131310	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	125017	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72760	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	34014	19.860	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.440%
7) Chloroethane-d5	2.879	69	27645	20.515	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	4.025	63	55313	21.090	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.360%
21) 2-Butanone-d5	7.080	46	19263	66.894	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.780%
24) Chloroform-d	7.647	84	74833	25.543	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.305	65	37699	24.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	8.275	84	134966	23.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	9.275	67	39126	24.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.323	98	128215	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.573	79	17100	23.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.921	63	16096	60.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	42789	30.175	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.680%#
66) 1,2-Dichlorobenzene-d4	13.853	152	55974	23.951	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	5270	14.361	ug/L	100
3) Chloromethane	2.215	50	25900	20.596	ug/L	100
5) Vinyl chloride	2.361	62	39717	21.020	ug/L	100
6) Bromomethane	2.776	94	24366	18.465	ug/L	99
8) Chloroethane	2.916	64	23192	21.850	ug/L	96
9) Trichlorofluoromethane	3.257	101	28944	22.563	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37711	24.095	ug/L	94
12) 1,1-Dichloroethene	4.044	96	30399	22.411	ug/L	96
13) Acetone	4.123	43	13094	55.673	ug/L	97
14) Carbon disulfide	4.385	76	56210	15.984	ug/L	98
15) Methyl Acetate	4.672	43	15077	28.475	ug/L	95
16) Methylene chloride	4.916	84	41654	25.844	ug/L	93
17) trans-1,2-Dichloroethene	5.428	96	33752	22.655	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	57816	28.524	ug/L	99
19) 1,1-Dichloroethane	6.214	63	63122	26.170	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	41496	25.711	ug/L	98
22) 2-Butanone	7.171	43	21114	62.494	ug/L	99
23) Bromochloromethane	7.519	128	20072	25.459	ug/L	96
25) Chloroform	7.677	83	76744	27.270	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	45817	26.432	ug/L	99
29) Cyclohexane	7.958	56	44627	21.450	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	65735	26.135	ug/L	98
31) Carbon tetrachloride	8.074	117	60623	25.361	ug/L	100
33) Benzene	8.323	78	148325	24.540	ug/L	100
34) Trichloroethene	9.092	95	40965	23.671	ug/L	97
35) Methylcyclohexane	9.336	83	58820	21.974	ug/L	99
37) 1,2-Dichloropropane	9.366	63	37105	26.314	ug/L	97
38) Bromodichloromethane	9.640	83	56534	27.958	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	57546	26.848	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	47840	62.824	ug/L	99
42) Toluene	10.384	91	172483	25.213	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	52159	27.080	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	34984	27.978	ug/L	95
46) Tetrachloroethene	10.860	164	34936	23.044	ug/L	86
48) 2-Hexanone	10.969	43	34457	65.195	ug/L	97
49) Dibromochloromethane	11.128	129	42862	28.221	ug/L	98
50) 1,2-Dibromoethane	11.232	107	32728	27.136	ug/L	95
51) Chlorobenzene	11.658	112	123963	26.037	ug/L	97
52) Ethylbenzene	11.731	91	198519	26.221	ug/L	99
53) m,p-Xylene	11.835	106	80213	25.748	ug/L	98
54) o-Xylene	12.164	106	76409	26.067	ug/L	93
55) Styrene	12.176	104	137514	27.984	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	44751	30.846	ug/L	95
59) Bromoform	12.347	173	25749	26.761	ug/L #	95
60) Isopropylbenzene	12.463	105	223746	25.617	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31901	27.779	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	148506	25.569	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	186266	26.242	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	106745	24.637	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	102597	23.629	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	99386	25.800	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6867	28.287	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.627	180	72407	23.283	ug/L	91
70) 1,2,4-trichlorobenzene	15.127	180	55508	23.590	ug/L	99
71) Naphthalene	15.359	128	115607	27.831	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	52601	25.845	ug/L	98

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

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