

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022081.D
 Acq On : 21 Feb 2022 09:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025558

Quant Time: Feb 22 00:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	160904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	148997	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38180	19.699	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.800%
7) Chloroethane-d5	2.885	69	31806	21.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	4.019	63	74159	21.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	7.080	46	16683	48.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.060%
24) Chloroform-d	7.653	84	88056	23.522	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.305	65	44237	23.751	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	8.275	84	164603	21.861	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	9.275	67	45796	22.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.440%
41) Toluene-d8	10.323	98	162865	21.825	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	10.579	79	20104	22.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.640%
47) 2-Hexanone-d5	10.921	63	15185	50.998	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40247	24.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	60791	20.748	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	7625	20.345	ug/L	95
3) Chloromethane	2.215	50	37938	22.435	ug/L	97
5) Vinyl chloride	2.361	62	56205	23.142	ug/L	99
6) Bromomethane	2.782	94	39936	19.337	ug/L	96
8) Chloroethane	2.922	64	30471	24.415	ug/L	99
9) Trichlorofluoromethane	3.263	101	44641	24.348	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	49139	25.295	ug/L	99
12) 1,1-Dichloroethene	4.038	96	44098	24.598	ug/L	99
13) Acetone	4.135	43	14022	43.674	ug/L	96
14) Carbon disulfide	4.385	76	115817	22.148	ug/L	98
15) Methyl Acetate	4.672	43	15409	26.246	ug/L #	87
16) Methylene chloride	4.916	84	45487	24.261	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	49001	24.511	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	67153	26.197	ug/L	99
19) 1,1-Dichloroethane	6.220	63	78902	25.474	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	52133	25.413	ug/L	96
22) 2-Butanone	7.171	43	21720	52.251	ug/L	95
23) Bromochloromethane	7.513	128	25044	24.792	ug/L	99
25) Chloroform	7.677	83	91122	25.991	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55340	26.816	ug/L	95
29) Cyclohexane	7.958	56	69771	23.855	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	82597	25.049	ug/L	99
31) Carbon tetrachloride	8.067	117	76862	23.815	ug/L	95
33) Benzene	8.324	78	192010	24.579	ug/L	100
34) Trichloroethene	9.092	95	55250	24.875	ug/L	98
35) Methylcyclohexane	9.336	83	87656	23.393	ug/L	99
37) 1,2-Dichloropropane	9.372	63	43416	25.304	ug/L	100
38) Bromodichloromethane	9.646	83	64519	26.331	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	71802	26.092	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	45133	53.614	ug/L	98
42) Toluene	10.384	91	223400	25.228	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	62977	26.546	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	37214	25.518	ug/L	96
46) Tetrachloroethene	10.860	164	48929	23.634	ug/L	92
48) 2-Hexanone	10.969	43	33755	53.872	ug/L	95
49) Dibromochloromethane	11.128	129	48766	26.555	ug/L	98
50) 1,2-Dibromoethane	11.238	107	37520	25.986	ug/L	93
51) Chlorobenzene	11.658	112	151370	25.117	ug/L	95
52) Ethylbenzene	11.731	91	249196	25.505	ug/L	99
53) m,p-Xylene	11.835	106	103561	25.547	ug/L	96
54) o-Xylene	12.164	106	97454	25.700	ug/L	95
55) Styrene	12.177	104	164424	26.844	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	42545	26.802	ug/L	98
59) Bromoform	12.347	173	27700	25.823	ug/L #	95
60) Isopropylbenzene	12.463	105	266998	25.161	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	31275	26.432	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	184064	26.154	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	219779	25.632	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	127308	25.040	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	127475	25.048	ug/L	89
67) 1,2-Dichlorobenzene	13.865	146	110878	24.538	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6367	26.449	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	91359	24.993	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	68737	23.674	ug/L	97
71) Naphthalene	15.365	128	123880	26.151	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	60262	24.283	ug/L	98

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

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