

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031122\
 Data File : VW022292.D
 Acq On : 11 Mar 2022 12:05
 Operator : SY/VA
 Sample : N1819-06MSD
 Misc : 5.99g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRX6MSD

Quant Time: Mar 11 21:03:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 11 21:01:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	129408	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	121089	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	62118	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	47598	28.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.800%
7) Chloroethane-d5	2.879	69	33933	25.551	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	4.019	63	62198	24.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.240%
21) 2-Butanone-d5	7.074	46	15129	53.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.620%
24) Chloroform-d	7.647	84	79551	27.552	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.200%
26) 1,2-Dichloroethane-d4	8.305	65	39038	26.011	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.040%
32) Benzene-d6	8.275	84	151918	26.957	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.840%
36) 1,2-Dichloropropane-d6	9.274	67	41456	26.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.960%
41) Toluene-d8	10.323	98	147038	26.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.960%
43) trans-1,3-Dichloroprop...	10.579	79	17326	24.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.880%
47) 2-Hexanone-d5	10.927	63	12673	49.234	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	36527	26.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	56528	28.332	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.320%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	3791	10.482	ug/L	93
3) Chloromethane	2.215	50	21894	17.666	ug/L	96
5) Vinyl chloride	2.355	62	35056	18.826	ug/L	94
6) Bromomethane	2.776	94	19536	15.022	ug/L	95
8) Chloroethane	2.916	64	18521	17.706	ug/L	100
9) Trichlorofluoromethane	3.257	101	25033	19.801	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31661	20.527	ug/L	98
12) 1,1-Dichloroethene	4.038	96	25053	18.741	ug/L	92
13) Acetone	4.123	43	8956	38.639	ug/L	99
14) Carbon disulfide	4.379	76	46133	13.311	ug/L	99
15) Methyl Acetate	4.665	43	9796	18.773	ug/L	97
16) Methylene chloride	4.915	84	30988	19.509	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	27054	18.426	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	44663	22.358	ug/L	99
19) 1,1-Dichloroethane	6.214	63	50631	21.300	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	32992	20.743	ug/L	93
22) 2-Butanone	7.171	43	12370	37.151	ug/L	99
23) Bromochloromethane	7.506	128	15390	19.808	ug/L	91
25) Chloroform	7.677	83	60103	21.670	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	34616	20.263	ug/L	100
29) Cyclohexane	7.958	56	35969	17.849	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	51913	21.309	ug/L	98
31) Carbon tetrachloride	8.067	117	48016	20.738	ug/L	100
33) Benzene	8.323	78	119935	20.486	ug/L	100
34) Trichloroethene	9.092	95	33599	20.044	ug/L	96
35) Methylcyclohexane	9.335	83	45862	17.689	ug/L	98
37) 1,2-Dichloropropane	9.366	63	29412	21.535	ug/L #	96
38) Bromodichloromethane	9.646	83	42731	21.817	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	44720	21.541	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	28970	39.278	ug/L	99
42) Toluene	10.384	91	135911	20.512	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	39658	21.257	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24477	20.211	ug/L	92
46) Tetrachloroethene	10.860	164	29012	19.758	ug/L	95
48) 2-Hexanone	10.969	43	20430	39.909	ug/L	99
49) Dibromochloromethane	11.128	129	31480	21.399	ug/L	97
50) 1,2-Dibromoethane	11.231	107	22478	19.242	ug/L	93
51) Chlorobenzene	11.652	112	96436	20.913	ug/L	98
52) Ethylbenzene	11.731	91	153479	20.929	ug/L	99
53) m,p-Xylene	11.835	106	62514	20.718	ug/L	96
54) o-Xylene	12.164	106	61473	21.652	ug/L	98
55) Styrene	12.176	104	103210	21.684	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	29500	20.993	ug/L	99
59) Bromoform	12.347	173	16905	20.579	ug/L	95
60) Isopropylbenzene	12.463	105	169688	22.756	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	20775	21.190	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	114512	23.094	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	139735	23.059	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	79590	21.516	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	80636	21.753	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	72965	22.186	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	4044	19.512	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	53733	20.238	ug/L	90
70) 1,2,4-trichlorobenzene	15.127	180	42645	21.228	ug/L	97
71) Naphthalene	15.359	128	70894	19.991	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	36838	21.201	ug/L	96

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

