

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031422\
 Data File : VW022319.D
 Acq On : 14 Mar 2022 14:47
 Operator : SY/VA
 Sample : N1820-05MSD
 Misc : 8.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRZ5MSD

Quant Time: Mar 15 01:06:06 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	153794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79220	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44916	22.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
7) Chloroethane-d5	2.879	69	32371	20.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	4.019	63	54626	17.783	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.120%
21) 2-Butanone-d5	7.080	46	19742	58.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.060%
24) Chloroform-d	7.647	84	77869	22.693	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.305	65	40639	22.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.120%
32) Benzene-d6	8.275	84	139719	21.019	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.080%
36) 1,2-Dichloropropane-d6	9.275	67	41405	22.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.720%
41) Toluene-d8	10.323	98	134546	20.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.579	79	18062	22.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.921	63	16665	54.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43160	26.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	58227	22.884	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	7304	16.993	ug/L	96
3) Chloromethane	2.209	50	27557	18.710	ug/L	97
5) Vinyl chloride	2.355	62	41391	18.704	ug/L	98
6) Bromomethane	2.770	94	24766	16.024	ug/L	92
8) Chloroethane	2.916	64	22001	17.698	ug/L	97
9) Trichlorofluoromethane	3.251	101	23411	15.582	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	34569	18.859	ug/L	98
12) 1,1-Dichloroethene	4.032	96	27618	17.384	ug/L #	85
13) Acetone	4.123	43	16897	61.340	ug/L	98
14) Carbon disulfide	4.379	76	56685	13.762	ug/L	99
15) Methyl Acetate	4.672	43	12614	20.340	ug/L	98
16) Methylene chloride	4.916	84	33219	17.597	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	29977	17.179	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	52338	22.046	ug/L	99
19) 1,1-Dichloroethane	6.214	63	56899	20.141	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	36567	19.345	ug/L	97
22) 2-Butanone	7.171	43	22490	56.835	ug/L	95
23) Bromochloromethane	7.513	128	17954	19.444	ug/L	90
25) Chloroform	7.671	83	67785	20.565	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39911	19.659	ug/L	99
29) Cyclohexane	7.958	56	39022	16.417	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	56221	19.565	ug/L	99
31) Carbon tetrachloride	8.067	117	53453	19.573	ug/L	100
33) Benzene	8.323	78	130313	18.871	ug/L	100
34) Trichloroethene	9.092	95	36911	18.669	ug/L	92
35) Methylcyclohexane	9.336	83	49509	16.189	ug/L	99
37) 1,2-Dichloropropane	9.366	63	32560	20.212	ug/L	97
38) Bromodichloromethane	9.646	83	50312	21.778	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	52041	21.252	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	41758	47.999	ug/L	99
42) Toluene	10.384	91	153671	19.662	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	47261	21.477	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	29819	20.874	ug/L	90
46) Tetrachloroethene	10.860	164	30507	17.614	ug/L	90
48) 2-Hexanone	10.963	43	34187	56.619	ug/L	97
49) Dibromochloromethane	11.128	129	39643	22.847	ug/L	94
50) 1,2-Dibromoethane	11.232	107	27957	20.290	ug/L #	97
51) Chlorobenzene	11.652	112	108250	19.902	ug/L	97
52) Ethylbenzene	11.725	91	172141	19.902	ug/L	100
53) m,p-Xylene	11.835	106	69570	19.547	ug/L	100
54) o-Xylene	12.164	106	68514	20.459	ug/L	96
55) Styrene	12.176	104	117629	20.952	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	37262	22.481	ug/L	93
59) Bromoform	12.347	173	24194	23.094	ug/L #	97
60) Isopropylbenzene	12.463	105	188175	19.788	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	26817	21.448	ug/L	97
62) 1,3,5-Trimethylbenzene	12.939	105	127728	20.198	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	157402	20.367	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	91844	19.469	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	93901	19.863	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	86424	20.605	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	5864	22.185	ug/L #	74
69) 1,3,5-Trichlorobenzene	14.627	180	61675	18.215	ug/L	89
70) 1,2,4-trichlorobenzene	15.127	180	49662	19.384	ug/L	99
71) Naphthalene	15.359	128	99769	22.060	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	43638	19.693	ug/L	97

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

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