

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022227.D
 Acq On : 08 Mar 2022 14:49
 Operator : SY/VA
 Sample : N1816-09MSD
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBSD4MSD

Quant Time: Mar 09 00:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	116725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22383	14.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.440%
7) Chloroethane-d5	2.879	69	23614	18.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	4.019	63	44599	18.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.440%
21) 2-Butanone-d5	7.074	46	30316	113.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	227.280%#
24) Chloroform-d	7.647	84	68326	25.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.305	65	38784	27.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.275	84	111067	20.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	9.275	67	36308	24.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.323	98	105756	19.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.320%
43) trans-1,3-Dichloroprop...	10.579	79	16273	24.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.921	63	25771	103.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.720%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	54336	41.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.160%#
66) 1,2-Dichlorobenzene-d4	13.847	152	55763	24.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	12447	36.612	ug/L	96
3) Chloromethane	2.215	50	31133	26.724	ug/L	97
5) Vinyl chloride	2.355	62	47914	27.373	ug/L	96
6) Bromomethane	2.770	94	34045	27.849	ug/L	91
8) Chloroethane	2.916	64	29653	30.156	ug/L	99
9) Trichlorofluoromethane	3.257	101	30536	25.695	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42739	29.477	ug/L	98
12) 1,1-Dichloroethene	4.038	96	34427	27.397	ug/L	92
13) Acetone	4.123	43	19849	91.097	ug/L	99
14) Carbon disulfide	4.379	76	70019	21.492	ug/L	100
15) Methyl Acetate	4.672	43	21177	43.172	ug/L	99
16) Methylene chloride	4.916	84	40937	27.416	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	38381	27.808	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	69886	37.217	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	69314	31.020	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	48384	32.360	ug/L	92
22) 2-Butanone	7.171	43	29982	95.791	ug/L	96
23) Bromochloromethane	7.513	128	23817	32.609	ug/L	86
25) Chloroform	7.677	83	83264	31.936	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55030	34.268	ug/L	99
29) Cyclohexane	7.952	56	51700	26.615	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	67590	28.781	ug/L	100
31) Carbon tetrachloride	8.068	117	65152	29.191	ug/L	98
33) Benzene	8.324	78	162191	28.740	ug/L	100
34) Trichloroethene	9.092	95	45974	28.452	ug/L	98
35) Methylcyclohexane	9.329	83	67630	27.060	ug/L	99
37) 1,2-Dichloropropane	9.366	63	41269	31.346	ug/L	98
38) Bromodichloromethane	9.640	83	62067	32.874	ug/L	90
39) cis-1,3-Dichloropropene	10.073	75	67243	33.601	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	65621	92.296	ug/L	99
42) Toluene	10.384	91	190398	29.809	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	63509	35.315	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	41638	35.666	ug/L	93
46) Tetrachloroethene	10.866	164	40393	28.537	ug/L	94
48) 2-Hexanone	10.963	43	47502	96.262	ug/L	97
49) Dibromochloromethane	11.128	129	52119	36.753	ug/L	99
50) 1,2-Dibromoethane	11.232	107	42111	37.397	ug/L	95
51) Chlorobenzene	11.658	112	134168	30.183	ug/L	97
52) Ethylbenzene	11.725	91	217185	30.724	ug/L	96
53) m,p-Xylene	11.835	106	88680	30.488	ug/L	100
54) o-Xylene	12.164	106	86505	31.608	ug/L	95
55) Styrene	12.177	104	150481	32.798	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	56545	41.744	ug/L	98
59) Bromoform	12.347	173	32147	34.166	ug/L #	97
60) Isopropylbenzene	12.463	105	233942	27.390	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	41160	36.653	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	166054	29.238	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	204029	29.395	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	120863	28.526	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	119318	28.102	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	115900	30.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9335	39.323	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	85345	28.064	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	70971	30.844	ug/L	97
71) Naphthalene	15.359	128	162727	40.061	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	66614	33.471	ug/L	95

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

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