

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022086.D
 Acq On : 21 Feb 2022 14:26
 Operator : SY/VA
 Sample : N1622-03MSD
 Misc : 7.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MSD

Quant Time: Feb 22 00:40:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	178086	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	171427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	93599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46598	21.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.880%
7) Chloroethane-d5	2.879	69	37673	22.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	4.013	63	76245	20.118	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.480%
21) 2-Butanone-d5	7.080	46	32615	85.721	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	171.440%#
24) Chloroform-d	7.647	84	102561	24.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.305	65	56668	27.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.275	84	188863	21.801	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.274	67	55186	23.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	10.323	98	187490	21.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	10.573	79	27127	26.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.160%
47) 2-Hexanone-d5	10.920	63	31832	92.918	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	185.840%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	65028	33.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.360%#
66) 1,2-Dichlorobenzene-d4	13.847	152	77611	22.985	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	13517	32.586	ug/L	98
3) Chloromethane	2.215	50	41235	22.032	ug/L	98
5) Vinyl chloride	2.361	62	62177	23.131	ug/L	99
6) Bromomethane	2.769	94	39793	17.409	ug/L	95
8) Chloroethane	2.916	64	31706	22.954	ug/L	97
9) Trichlorofluoromethane	3.257	101	35499	17.493	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	49450	22.999	ug/L	96
12) 1,1-Dichloroethene	4.038	96	43756	22.052	ug/L	94
13) Acetone	4.123	43	19830	55.805	ug/L	98
14) Carbon disulfide	4.385	76	112721	19.476	ug/L	99
15) Methyl Acetate	4.672	43	21729	33.439	ug/L	92
16) Methylene chloride	4.915	84	49868	24.031	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	49033	22.160	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	85284	30.060	ug/L	100
19) 1,1-Dichloroethane	6.214	63	79942	23.320	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	55781	24.567	ug/L	94
22) 2-Butanone	7.177	43	31662	68.819	ug/L	97
23) Bromochloromethane	7.513	128	28994	25.933	ug/L	95
25) Chloroform	7.677	83	94177	24.271	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	64406	28.198	ug/L	99
29) Cyclohexane	7.958	56	67155	19.956	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	80563	21.236	ug/L	99
31) Carbon tetrachloride	8.073	117	79731	21.472	ug/L	98
33) Benzene	8.323	78	195655	21.768	ug/L	100
34) Trichloroethene	9.091	95	54220	21.217	ug/L	100
35) Methylcyclohexane	9.335	83	83158	19.289	ug/L	99
37) 1,2-Dichloropropane	9.366	63	47946	24.288	ug/L	100
38) Bromodichloromethane	9.646	83	70537	25.021	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	81527	25.749	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	74918	77.351	ug/L	98
42) Toluene	10.384	91	233749	22.943	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	76274	27.945	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	46780	27.881	ug/L	98
46) Tetrachloroethene	10.859	164	48462	20.345	ug/L	89
48) 2-Hexanone	10.963	43	54611	75.754	ug/L	97
49) Dibromochloromethane	11.128	129	60217	28.500	ug/L	95
50) 1,2-Dibromoethane	11.231	107	50426	30.355	ug/L	97
51) Chlorobenzene	11.658	112	158995	22.930	ug/L	95
52) Ethylbenzene	11.731	91	249644	22.208	ug/L	100
53) m,p-Xylene	11.835	106	103754	22.246	ug/L	99
54) o-Xylene	12.164	106	100466	23.027	ug/L	98
55) Styrene	12.176	104	169283	24.021	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	60742	33.259	ug/L	98
59) Bromoform	12.347	173	36817	29.783	ug/L #	96
60) Isopropylbenzene	12.463	105	264590	21.636	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	44872	32.908	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	181859	22.423	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	223180	22.586	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	131294	22.409	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	129144	22.020	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	123916	23.796	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	10225	36.858	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	84298	20.012	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	70695	21.128	ug/L	97
71) Naphthalene	15.359	128	158046	28.951	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	64195	22.447	ug/L	96

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

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