

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022222\
 Data File : VW022098.D
 Acq On : 22 Feb 2022 14:09
 Operator : SY/VA
 Sample : N1631-04MSD
 Misc : 5.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBRG2MSD

Quant Time: Feb 23 04:34:36 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	107175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	105351	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28947	22.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
7) Chloroethane-d5	2.879	69	25453	25.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.440%
11) 1,1-Dichloroethene-d2	4.013	63	46512	20.392	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.560%
21) 2-Butanone-d5	7.074	46	19254	84.087	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	168.180%#
24) Chloroform-d	7.647	84	61324	24.594	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.360%
26) 1,2-Dichloroethane-d4	8.305	65	33766	27.218	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.880%
32) Benzene-d6	8.275	84	112988	21.223	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.880%
36) 1,2-Dichloropropane-d6	9.274	67	33415	23.075	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.320%
41) Toluene-d8	10.323	98	110075	20.862	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	10.579	79	15348	24.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.800%
47) 2-Hexanone-d5	10.920	63	17045	80.960	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.920%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	38144	32.296	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.200%#
66) 1,2-Dichlorobenzene-d4	13.847	152	44750	21.941	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11257	45.093	ug/L	98
3) Chloromethane	2.215	50	26618	23.632	ug/L	95
5) Vinyl chloride	2.361	62	41672	25.760	ug/L	98
6) Bromomethane	2.776	94	29297	21.298	ug/L	92
8) Chloroethane	2.916	64	23762	28.585	ug/L	96
9) Trichlorofluoromethane	3.251	101	23069	18.890	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32193	24.880	ug/L	94
12) 1,1-Dichloroethene	4.037	96	28312	23.710	ug/L	89
13) Acetone	4.123	43	11548	54.000	ug/L	98
14) Carbon disulfide	4.379	76	71536	20.538	ug/L	97
15) Methyl Acetate	4.678	43	14620	37.385	ug/L #	90
16) Methylene chloride	4.909	84	31949	25.583	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	31699	23.805	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	50356	29.493	ug/L	99
19) 1,1-Dichloroethane	6.214	63	51673	25.046	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	36047	26.380	ug/L	99
22) 2-Butanone	7.165	43	20066	72.472	ug/L	100
23) Bromochloromethane	7.512	128	18919	28.118	ug/L	87
25) Chloroform	7.671	83	61090	26.160	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	42093	30.622	ug/L	97
29) Cyclohexane	7.958	56	43736	21.149	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	53099	22.775	ug/L	99
31) Carbon tetrachloride	8.067	117	51475	22.557	ug/L	99
33) Benzene	8.323	78	125709	22.758	ug/L	100
34) Trichloroethene	9.091	95	35277	22.463	ug/L	96
35) Methylcyclohexane	9.335	83	54498	20.569	ug/L	98
37) 1,2-Dichloropropane	9.366	63	30567	25.196	ug/L	97
38) Bromodichloromethane	9.640	83	44650	25.772	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	49670	25.527	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	43782	73.556	ug/L	98
42) Toluene	10.384	91	145696	23.270	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	46269	27.584	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	29806	28.906	ug/L	98
46) Tetrachloroethene	10.866	164	29264	19.991	ug/L	93
48) 2-Hexanone	10.963	43	31942	72.098	ug/L	95
49) Dibromochloromethane	11.128	129	35824	27.589	ug/L	96
50) 1,2-Dibromoethane	11.237	107	29748	29.139	ug/L	93
51) Chlorobenzene	11.658	112	100410	23.564	ug/L	97
52) Ethylbenzene	11.731	91	161106	23.321	ug/L	100
53) m,p-Xylene	11.835	106	66111	23.065	ug/L	99
54) o-Xylene	12.164	106	65126	24.290	ug/L	97
55) Styrene	12.176	104	109855	25.365	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	37924	33.789	ug/L	95
59) Bromoform	12.347	173	21998	29.461	ug/L #	96
60) Isopropylbenzene	12.463	105	169380	22.931	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	27579	33.485	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	119883	24.472	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	145652	24.403	ug/L	98
64) 1,3-Dichlorobenzene	13.493	146	84366	23.839	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	85538	24.146	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	81291	25.844	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	6249	37.293	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	58850	23.129	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	49304	24.395	ug/L	98
71) Naphthalene	15.359	128	108169	32.804	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	45241	26.190	ug/L	97

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

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