

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
 Data File : VW023060.D
 Acq On : 16 May 2022 18:00
 Operator : SY/VA
 Sample : N2843-04MSD
 Misc : 6.11g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4H4MSD

Quant Time: May 17 02:35:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 17 01:24:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	339344	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	310612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	138302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	109753	15.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.879	69	90654	20.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	4.019	63	144987	16.117	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.480%
21) 2-Butanone-d5	7.080	46	69542	52.535	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.080%
24) Chloroform-d	7.653	84	95379	9.594	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	38.360%#
26) 1,2-Dichloroethane-d4	8.305	65	122746	22.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.040%
32) Benzene-d6	8.275	84	383744	21.434	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.720%
36) 1,2-Dichloropropane-d6	9.275	67	121191	24.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.323	98	346316	20.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	10.573	79	49069	21.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.760%
47) 2-Hexanone-d5	10.921	63	54932	57.218	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	12599	2.688	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.760%#
66) 1,2-Dichlorobenzene-d4	13.853	152	106208	21.968	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	60005	32.437	ug/L	96
3) Chloromethane	2.215	50	83491	23.356	ug/L	98
5) Vinyl chloride	2.361	62	141858	19.774	ug/L	94
6) Bromomethane	2.770	94	74374	16.147	ug/L	99
8) Chloroethane	2.916	64	74892	21.644	ug/L	99
9) Trichlorofluoromethane	3.251	101	52656	16.059	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	92974	18.963	ug/L	98
12) 1,1-Dichloroethene	4.038	96	83133	19.127	ug/L	94
13) Acetone	4.123	43	59597	60.135	ug/L	96
14) Carbon disulfide	4.385	76	221475	18.587	ug/L	100
15) Methyl Acetate	4.678	43	16290	8.182	ug/L	94
16) Methylene chloride	4.922	84	104664	21.078	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	92597	18.932	ug/L	95
18) Methyl tert-butyl Ether	5.422	73	173776	23.274	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	180560	21.782	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	112029	21.325	ug/L #	92
22) 2-Butanone	7.171	43	71272	51.423	ug/L	98
23) Bromochloromethane	7.513	128	52792	21.458	ug/L	97
25) Chloroform	7.671	83	334390	36.481	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135892	22.241	ug/L	99
29) Cyclohexane	7.952	56	117217	17.449	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	165415	22.535	ug/L	99
31) Carbon tetrachloride	8.067	117	142493	20.752	ug/L	100
33) Benzene	8.324	78	419920	22.949	ug/L	100
34) Trichloroethene	9.092	95	213861	42.498	ug/L	96
35) Methylcyclohexane	9.336	83	119194	14.418	ug/L	98
37) 1,2-Dichloropropane	9.366	63	104969	23.705	ug/L	98
38) Bromodichloromethane	9.646	83	151361	24.065	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	155012	22.576	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	143468	51.403	ug/L	100
42) Toluene	10.384	91	457151	22.293	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	142998	23.333	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	87579	23.659	ug/L	97
46) Tetrachloroethene	10.860	164	70095	18.535	ug/L	96
48) 2-Hexanone	10.969	43	106240	56.970	ug/L	99
49) Dibromochloromethane	11.128	129	108113	24.266	ug/L	97
50) 1,2-Dibromoethane	11.238	107	84698	22.786	ug/L	95
51) Chlorobenzene	11.652	112	291625	21.571	ug/L	97
52) Ethylbenzene	11.731	91	478577	20.977	ug/L	100
53) m,p-Xylene	11.835	106	185799	20.669	ug/L	97
54) o-Xylene	12.164	106	186797	21.654	ug/L	96
55) Styrene	12.176	104	319606	21.804	ug/L	100
59) Bromoform	12.347	173	55500	28.317	ug/L	99
60) Isopropylbenzene	12.463	105	470185	24.816	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	79964	28.937	ug/L	99
62) 1,3,5-Trimethylbenzene	12.939	105	232969	22.102	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	367099	23.194	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	184814	21.848	ug/L	93
65) 1,4-Dichlorobenzene	13.573	146	186522	21.347	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	170142	21.980	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	15645	25.905	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	78746	14.024	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	58746	13.006	ug/L #	95
71) Naphthalene	15.359	128	197423	20.110	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50412	12.593	ug/L #	93

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

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