

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022903.D
 Acq On : 06 May 2022 21:20
 Operator : SY/VA
 Sample : N2714-03MS
 Misc : 4.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW2X5MS

Quant Time: May 07 03:05:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	299965	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100866	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	129987	21.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.480%
7) Chloroethane-d5	2.885	69	109650	27.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.560%
11) 1,1-Dichloroethene-d2	4.019	63	166517	20.940	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.760%
21) 2-Butanone-d5	7.080	46	47479	40.576	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.160%
24) Chloroform-d	7.647	84	224312	25.524	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.080%
26) 1,2-Dichloroethane-d4	8.305	65	114149	23.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.720%
32) Benzene-d6	8.275	84	407637	26.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.040%
36) 1,2-Dichloropropane-d6	9.274	67	119200	27.858	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.440%
41) Toluene-d8	10.323	98	376846	25.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.440%
43) trans-1,3-Dichloroprop...	10.573	79	39946	20.276	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.120%
47) 2-Hexanone-d5	10.927	63	37317	45.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	91653	22.981	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	85324	24.199	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	36028	22.033	ug/L	97
3) Chloromethane	2.215	50	61601	19.495	ug/L	98
5) Vinyl chloride	2.361	62	131311	20.706	ug/L	95
6) Bromomethane	2.776	94	66863	16.422	ug/L	93
8) Chloroethane	2.922	64	75568	24.706	ug/L	98
9) Trichlorofluoromethane	3.257	101	60177	20.762	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	87310	20.146	ug/L	98
12) 1,1-Dichloroethene	4.037	96	74345	19.351	ug/L	88
13) Acetone	4.123	43	61011	69.643	ug/L	98
14) Carbon disulfide	4.385	76	160606	15.248	ug/L	97
15) Methyl Acetate	4.672	43	28716	16.316	ug/L	95
16) Methylene chloride	4.915	84	91846	20.925	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	84599	19.568	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	140044	21.219	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	159673	21.791	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	97728	21.045	ug/L #	100
22) 2-Butanone	7.165	43	53875	43.974	ug/L	97
23) Bromochloromethane	7.512	128	45030	20.706	ug/L	97
25) Chloroform	7.677	83	183696	22.672	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	108230	20.039	ug/L	99
29) Cyclohexane	7.958	56	113129	19.794	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	146122	23.397	ug/L	97
31) Carbon tetrachloride	8.067	117	108141	18.511	ug/L	100
33) Benzene	8.323	78	364326	23.402	ug/L	100
34) Trichloroethene	9.091	95	94814	22.145	ug/L	95
35) Methylcyclohexane	9.335	83	112507	15.996	ug/L	99
37) 1,2-Dichloropropane	9.366	63	90696	24.073	ug/L	99
38) Bromodichloromethane	9.646	83	106197	19.845	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	110481	18.912	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	93753	39.481	ug/L	99
42) Toluene	10.384	91	399858	22.918	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	96758	18.557	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	68204	21.656	ug/L	95
46) Tetrachloroethene	10.859	164	64328	19.993	ug/L	92
48) 2-Hexanone	10.963	43	68305	43.050	ug/L	95
49) Dibromochloromethane	11.128	129	64433	16.998	ug/L	96
50) 1,2-Dibromoethane	11.231	107	60523	19.138	ug/L	98
51) Chlorobenzene	11.658	112	233030	20.259	ug/L	99
52) Ethylbenzene	11.731	91	418966	21.584	ug/L	99
53) m,p-Xylene	11.841	106	160971	21.047	ug/L	96
54) o-Xylene	12.164	106	155964	21.250	ug/L	97
55) Styrene	12.176	104	233125	18.693	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	74736	18.998	ug/L	93
59) Bromoform	12.347	173	28998	20.286	ug/L	98
60) Isopropylbenzene	12.463	105	399951	28.944	ug/L	100
61) 1,2,3-Trichloropropane	12.762	75	55532	27.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	190307	24.755	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	294188	25.486	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	135452	21.955	ug/L	91
65) 1,4-Dichlorobenzene	13.572	146	131533	20.641	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	119922	21.242	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	9785	22.215	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	51310	12.529	ug/L	93
70) 1,2,4-trichlorobenzene	15.133	180	35628	10.815	ug/L	98
71) Naphthalene	15.359	128	88392	12.345	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	26477	9.068	ug/L	96

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

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