

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
 Data File : VW022962.D
 Acq On : 10 May 2022 17:49
 Operator : SY/VA
 Sample : N2766-02MS
 Misc : 7.17g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4F3MS

Quant Time: May 11 01:23:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 11 01:19:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302033	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	215198	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	119882	19.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	2.886	69	97850	24.272	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
11) 1,1-Dichloroethene-d2	4.019	63	154918	19.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.400%
21) 2-Butanone-d5	7.074	46	67277	57.102	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.200%
24) Chloroform-d	7.647	84	216319	24.446	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	8.305	65	116557	24.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.275	84	378372	30.504	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	122.000%
36) 1,2-Dichloropropane-d6	9.268	67	118528	34.018	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	136.080%#
41) Toluene-d8	10.323	98	307458	25.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.640%
43) trans-1,3-Dichloroprop...	10.579	79	37268	23.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.920%
47) 2-Hexanone-d5	10.921	63	52620	79.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.220%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	109157	33.612	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	54645	29.417	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	32013	19.443	ug/L	96
3) Chloromethane	2.215	50	73705	23.166	ug/L	100
5) Vinyl chloride	2.361	62	139125	21.788	ug/L	97
6) Bromomethane	2.776	94	84730	20.667	ug/L	89
8) Chloroethane	2.916	64	75275	24.442	ug/L	95
9) Trichlorofluoromethane	3.257	101	60315	20.667	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	88827	20.355	ug/L	96
12) 1,1-Dichloroethene	4.038	96	77184	19.952	ug/L	94
13) Acetone	4.123	43	52061	59.020	ug/L	97
14) Carbon disulfide	4.385	76	174701	16.473	ug/L	98
15) Methyl Acetate	4.672	43	41499	23.418	ug/L	96
16) Methylene chloride	4.916	84	101481	22.962	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	85977	19.750	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	175202	26.364	ug/L	100
19) 1,1-Dichloroethane	6.214	63	169167	22.928	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	101726	21.756	ug/L #	98
22) 2-Butanone	7.171	43	63626	51.578	ug/L	99
23) Bromochloromethane	7.513	128	48614	22.201	ug/L	98
25) Chloroform	7.677	83	189706	23.253	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	121447	22.332	ug/L	100
29) Cyclohexane	7.952	56	113068	24.294	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	161364	31.730	ug/L	100
31) Carbon tetrachloride	8.068	117	130781	27.491	ug/L	98
33) Benzene	8.324	78	369146	29.118	ug/L	100
34) Trichloroethene	9.092	95	82561	23.681	ug/L	99
35) Methylcyclohexane	9.336	83	108204	18.892	ug/L	98
37) 1,2-Dichloropropane	9.366	63	95066	30.987	ug/L	100
38) Bromodichloromethane	9.646	83	127099	29.168	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	124858	26.247	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	124514	64.392	ug/L	100
42) Toluene	10.390	91	358991	25.268	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	97825	23.040	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	76415	29.796	ug/L	98
46) Tetrachloroethene	10.860	164	47192	18.012	ug/L	98
48) 2-Hexanone	10.969	43	90643	70.157	ug/L	98
49) Dibromochloromethane	11.128	129	79733	25.831	ug/L	99
50) 1,2-Dibromoethane	11.238	107	60984	23.681	ug/L	91
51) Chlorobenzene	11.652	112	190046	20.290	ug/L	94
52) Ethylbenzene	11.731	91	310966	19.674	ug/L	99
53) m,p-Xylene	11.835	106	119868	19.247	ug/L	93
54) o-Xylene	12.164	106	144417	24.164	ug/L	95
55) Styrene	12.177	104	179728	17.698	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	92525	28.884	ug/L	99
59) Bromoform	12.347	173	36964	49.083	ug/L	99
60) Isopropylbenzene	12.463	105	328656	45.145	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	64845	61.071	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	171204	42.271	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	218599	35.946	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	69780	21.469	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	64385	19.178	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	78595	26.425	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	11757	50.665	ug/L	86
69) 1,3,5-Trichlorobenzene	14.621	180	32135	14.895	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	13533	7.798	ug/L #	89
71) Naphthalene	15.365	128	73392	19.456	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	17709	11.513	ug/L	96

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

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