

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022085.D
 Acq On : 21 Feb 2022 14:02
 Operator : SY/VA
 Sample : N1622-02MS
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

Quant Time: Feb 22 00:40:33 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	180227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45895	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	2.879	69	35163	21.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.013	63	75369	19.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.600%
21) 2-Butanone-d5	7.080	46	30559	79.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.720%#
24) Chloroform-d	7.653	84	101455	24.196	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	8.305	65	57033	27.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.360%
32) Benzene-d6	8.275	84	189045	22.237	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.274	67	55507	24.004	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	10.323	98	186857	22.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	26595	26.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.040%
47) 2-Hexanone-d5	10.920	63	30639	91.137	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.280%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	64181	34.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	79486	22.706	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11991	28.564	ug/L	98
3) Chloromethane	2.209	50	40663	21.469	ug/L	96
5) Vinyl chloride	2.361	62	60410	22.206	ug/L	99
6) Bromomethane	2.776	94	49308	21.316	ug/L	96
8) Chloroethane	2.916	64	29367	21.008	ug/L	99
9) Trichlorofluoromethane	3.257	101	35996	17.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49084	22.558	ug/L	98
12) 1,1-Dichloroethene	4.037	96	42776	21.302	ug/L	99
13) Acetone	4.135	43	16368	45.515	ug/L	96
14) Carbon disulfide	4.385	76	111291	19.001	ug/L	100
15) Methyl Acetate	4.678	43	21587	32.826	ug/L #	88
16) Methylene chloride	4.915	84	49846	23.735	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	48156	21.506	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	85699	29.848	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	80692	23.259	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	55081	23.971	ug/L	93
22) 2-Butanone	7.171	43	29262	62.847	ug/L	98
23) Bromochloromethane	7.512	128	28884	25.528	ug/L	95
25) Chloroform	7.677	83	95222	24.248	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	64881	28.068	ug/L	98
29) Cyclohexane	7.958	56	69010	20.898	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	82078	22.047	ug/L	99
31) Carbon tetrachloride	8.067	117	78305	21.489	ug/L	98
33) Benzene	8.323	78	195251	22.137	ug/L	100
34) Trichloroethene	9.091	95	54361	21.677	ug/L	97
35) Methylcyclohexane	9.335	83	85222	20.143	ug/L	99
37) 1,2-Dichloropropane	9.366	63	48366	24.967	ug/L	99
38) Bromodichloromethane	9.646	83	70808	25.595	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	80515	25.913	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	72191	75.953	ug/L	99
42) Toluene	10.390	91	234070	23.412	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	74537	27.828	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	47074	28.590	ug/L	98
46) Tetrachloroethene	10.859	164	49779	21.296	ug/L	93
48) 2-Hexanone	10.969	43	51626	72.975	ug/L	96
49) Dibromochloromethane	11.128	129	57791	27.872	ug/L	93
50) 1,2-Dibromoethane	11.237	107	47931	29.402	ug/L	98
51) Chlorobenzene	11.658	112	158449	23.286	ug/L	97
52) Ethylbenzene	11.731	91	251205	22.772	ug/L	97
53) m,p-Xylene	11.835	106	102708	22.441	ug/L	97
54) o-Xylene	12.164	106	98178	22.931	ug/L	86
55) Styrene	12.182	104	171032	24.731	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	59945	33.447	ug/L	96
59) Bromoform	12.347	173	36742	28.669	ug/L #	99
60) Isopropylbenzene	12.463	105	259955	20.504	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	43778	30.968	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	182906	21.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	224437	21.908	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	132958	21.888	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	133287	21.921	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	124467	23.055	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9681	33.660	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	88647	20.298	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	73548	21.202	ug/L	98
71) Naphthalene	15.359	128	163428	28.876	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61968	20.900	ug/L	99

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

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