

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024090.D
 Acq On : 19 Dec 2021 15:52
 Operator : SY/MD
 Sample : M5134-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBK3MSD

Quant Time: Dec 20 01:37:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 01:35:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	101009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	104286	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63648	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	19207	3.537	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.568	69	17872	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.111	63	49866	4.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.912	46	40328	38.013	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.020%
24) Chloroform-d	4.349	84	51942	4.223	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.034	65	24922	4.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.050	84	91763	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.069	67	26803	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.316	98	91607	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	10949	4.235	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.091	63	42923	37.088	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20202	3.908	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	37661	4.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	40625	4.621	ug/L	100
3) Chloromethane	1.240	50	35726	4.756	ug/L	99
5) Vinyl chloride	1.310	62	40013	4.911	ug/L	98
6) Bromomethane	1.523	94	26266	5.073	ug/L	100
8) Chloroethane	1.584	64	26456	4.990	ug/L	97
9) Trichlorofluoromethane	1.754	101	73464	5.189	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38456	5.157	ug/L	99
12) 1,1-Dichloroethene	2.117	96	35045	5.171	ug/L	94
13) Acetone	2.201	43	55280	65.131	ug/L	78
14) Carbon disulfide	2.294	76	86652	4.408	ug/L	97
15) Methyl Acetate	2.442	43	10623	5.164	ug/L	96
16) Methylene chloride	2.506	84	38424	4.334	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	80708	5.266	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	38575	5.142	ug/L	98
19) 1,1-Dichloroethane	3.191	63	69831	5.187	ug/L	97
21) 2-Butanone	3.992	43	67573	55.721	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	40794	5.137	ug/L	98
23) Bromochloromethane	4.249	128	19000	5.265	ug/L	93
25) Chloroform	4.375	83	79057	5.282	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	42938	5.295	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	73503	5.387	ug/L	99
30) Cyclohexane	4.677	56	56172	5.191	ug/L	97
31) Carbon tetrachloride	4.828	117	94447	7.364	ug/L	99
33) Benzene	5.098	78	153567	5.205	ug/L	100
34) Trichloroethene	5.915	95	40154	4.825	ug/L	97
35) Methylcyclohexane	6.130	83	57149	4.666	ug/L	99
37) 1,2-Dichloropropane	6.172	63	34702	4.949	ug/L	98
38) Bromodichloromethane	6.509	83	50953	5.130	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	51873	4.983	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	193883	57.560	ug/L	99
42) Toluene	7.387	91	173327	5.220	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	44627	4.960	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28023	5.402	ug/L	96
47) Tetrachloroethene	7.976	164	36045	4.920	ug/L	95
48) 2-Hexanone	8.140	43	142255	58.245	ug/L	98
49) Dibromochloromethane	8.246	129	36529	5.176	ug/L	96
50) 1,2-Dibromoethane	8.355	107	25277	5.248	ug/L	92
51) Chlorobenzene	8.882	112	113557	5.117	ug/L	99
52) Ethylbenzene	9.011	91	181067	5.169	ug/L	99
53) m,p-xylene	9.136	106	72486	5.232	ug/L	98
54) o-xylene	9.545	106	69575	5.193	ug/L	99
55) Styrene	9.558	104	123484	5.536	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	28196	4.964	ug/L	99
59) Bromoform	9.731	173	18998	4.651	ug/L	100
60) Isopropylbenzene	9.931	105	190740	5.104	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	21588	4.979	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	155086	5.003	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	159273	5.157	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97817	5.118	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	96916	5.049	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	91365	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4627	4.886	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	76358	4.858	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	59111	4.788	ug/L	99
71) Naphthalene	13.503	128	85574	4.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	53824	4.938	ug/L	98

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

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