

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024027.D
 Acq On : 16 Dec 2021 20:49
 Operator : SY/MD
 Sample : M5113-06MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBLV6MSD

Quant Time: Dec 17 02:04:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100280	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102453	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24033	4.458	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.568	69	20459	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.108	63	54816	5.209	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.200%
20) 2-Butanone-d5	3.896	46	57809	54.887	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.780%
24) Chloroform-d	4.349	84	57267	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.034	65	27611	4.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.050	84	102871	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.069	67	28874	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	102840	5.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.625	79	11890	4.681	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.088	63	48789	42.911	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23220	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	39607	4.863	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42803	4.904	ug/L	100
3) Chloromethane	1.240	50	36315	4.870	ug/L	98
5) Vinyl chloride	1.311	62	40359	4.990	ug/L	97
6) Bromomethane	1.523	94	26077	5.073	ug/L	98
8) Chloroethane	1.584	64	26013	4.942	ug/L	98
9) Trichlorofluoromethane	1.751	101	73582	5.235	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	39153	5.289	ug/L	98
12) 1,1-Dichloroethene	2.118	96	34564	5.137	ug/L	98
13) Acetone	2.185	43	60981	72.370	ug/L	76
14) Carbon disulfide	2.294	76	88404	4.530	ug/L	100
15) Methyl Acetate	2.439	43	12831	6.282	ug/L	96
16) Methylene chloride	2.507	84	40077	4.553	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	84649	5.564	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	39531	5.308	ug/L	97
19) 1,1-Dichloroethane	3.188	63	70148	5.248	ug/L	98
21) 2-Butanone	3.982	43	80661	66.997	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	43105	5.468	ug/L	97
23) Bromochloromethane	4.253	128	20691	5.776	ug/L	90
25) Chloroform	4.375	83	77528	5.218	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	45294	5.626	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	73215	5.462	ug/L	100
30) Cyclohexane	4.677	56	51331	4.828	ug/L	98
31) Carbon tetrachloride	4.828	117	66003	5.238	ug/L	99
33) Benzene	5.098	78	162840	5.618	ug/L	100
34) Trichloroethene	5.915	95	42197	5.162	ug/L	99
35) Methylcyclohexane	6.130	83	58692	4.878	ug/L	97
37) 1,2-Dichloropropane	6.172	63	37229	5.404	ug/L	99
38) Bromodichloromethane	6.510	83	54434	5.578	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	51554	5.041	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	204653	61.845	ug/L	98
42) Toluene	7.388	91	177309	5.436	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	45311	5.126	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	28018	5.498	ug/L	99
47) Tetrachloroethene	7.976	164	36836	5.118	ug/L	99
48) 2-Hexanone	8.140	43	147086	61.300	ug/L	98
49) Dibromochloromethane	8.246	129	37389	5.392	ug/L	98
50) 1,2-Dibromoethane	8.352	107	26805	5.665	ug/L	96
51) Chlorobenzene	8.883	112	125862	5.773	ug/L	98
52) Ethylbenzene	9.011	91	182075	5.290	ug/L	100
53) m,p-xylene	9.140	106	73074	5.369	ug/L	99
54) o-xylene	9.542	106	70619	5.365	ug/L	98
55) Styrene	9.561	104	71658	3.270	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	30676	5.497	ug/L	98
59) Bromoform	9.731	173	19629	5.017	ug/L	98
60) Isopropylbenzene	9.931	105	193791	5.414	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23020	5.543	ug/L	96
62) 1,3,5-Trimethylbenzene	10.539	105	156570	5.273	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	159658	5.397	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	98329	5.371	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	100815	5.483	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	91995	5.485	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	5337	5.884	ug/L	89
69) 1,3,5-Trichlorobenzene	12.645	180	74660	4.958	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	59038	4.992	ug/L	98
71) Naphthalene	13.503	128	92301	5.430	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	55975	5.361	ug/L	97

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

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