

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023867.D
 Acq On : 09 Dec 2021 17:30
 Operator : SY/MD
 Sample : M4984-04MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5R8MS

Quant Time: Dec 10 00:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111232	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	109675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27088	2.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.568	69	26186	3.648	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.000%	
11) 1,1-Dichloroethene-d2	2.111	63	62747	3.899	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.000%	
20) 2-Butanone-d5	3.899	46	79076	72.037	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.080%#	
24) Chloroform-d	4.352	84	74450	4.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.034	65	33900	4.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.053	84	131595	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.069	67	39436	4.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.317	98	126017	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
43) trans-1,3-Dichloroprop...	7.625	79	16249	4.813	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.088	63	69362	61.836	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	123.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32477	5.388	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57311	5.033	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	52379	4.963	ug/L	99
3) Chloromethane	1.243	50	46192	5.035	ug/L	99
5) Vinyl chloride	1.314	62	58637	6.086	ug/L	99
6) Bromomethane	1.523	94	30376	5.560	ug/L	99
8) Chloroethane	1.587	64	1599590	261.984	ug/L	95
9) Trichlorofluoromethane	1.754	101	83942	5.347	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	45345	5.763	ug/L	97
12) 1,1-Dichloroethene	2.121	96	41181	5.526	ug/L	94
13) Acetone	2.191	43	58816	59.545	ug/L	77
14) Carbon disulfide	2.297	76	120626	4.815	ug/L	99
15) Methyl Acetate	2.442	43	13162	5.871	ug/L	93
16) Methylene chloride	2.507	84	44328	4.168	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	94947	6.217	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	55684	6.560	ug/L	98
19) 1,1-Dichloroethane	3.188	63	852990	59.762	ug/L	99
21) 2-Butanone	3.982	43	81442	65.142	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	83401	10.245	ug/L	95
23) Bromochloromethane	4.252	128	22223	5.817	ug/L	91
25) Chloroform	4.378	83	87294	5.490	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49291	5.831	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	471726	32.913	ug/L	99
30) Cyclohexane	4.680	56	67382	5.634	ug/L	97
31) Carbon tetrachloride	4.828	117	74814	5.698	ug/L	96
33) Benzene	5.101	78	184123	5.889	ug/L	100
34) Trichloroethene	5.915	95	57705	6.889	ug/L	97
35) Methylcyclohexane	6.133	83	87532	6.703	ug/L	98
37) 1,2-Dichloropropane	6.175	63	42293	5.690	ug/L	99
38) Bromodichloromethane	6.510	83	59231	5.872	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	61740	5.837	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	212789	59.975	ug/L	98
42) Toluene	7.387	91	206019	6.076	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	52935	5.955	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	29358	5.705	ug/L	98
47) Tetrachloroethene	7.976	164	129071	16.930	ug/L	98
48) 2-Hexanone	8.140	43	150317	57.322	ug/L	98
49) Dibromochloromethane	8.246	129	41361	5.865	ug/L	99
50) 1,2-Dibromoethane	8.352	107	29538	5.886	ug/L	92
51) Chlorobenzene	8.882	112	130495	5.805	ug/L	98
52) Ethylbenzene	9.011	91	281753	7.949	ug/L	100
53) m,p-xylene	9.140	106	85632	6.070	ug/L	100
54) o-xylene	9.545	106	84671	6.311	ug/L	98
55) Styrene	9.561	104	142664	6.311	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	34167	5.967	ug/L	98
59) Bromoform	9.731	173	23030	5.415	ug/L	99
60) Isopropylbenzene	9.931	105	359398	9.346	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	24361	5.334	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	238415	7.451	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	657482	20.777	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	117529	5.978	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	115881	5.864	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	137493	7.641	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5850	6.450	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	98257	6.401	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	79424	6.668	ug/L	97
71) Naphthalene	13.503	128	322184	20.100	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	66261	6.420	ug/L	99

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

