

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023868.D
 Acq On : 09 Dec 2021 17:54
 Operator : SY/MD
 Sample : M4984-05MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW5R8MSD

Quant Time: Dec 10 00:43:52 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	105519	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102639	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60443	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28718	3.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.400%
7) Chloroethane-d5	1.568	69	26423	3.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.111	63	61000	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.896	46	80468	77.274	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	154.540%#
24) Chloroform-d	4.352	84	73786	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.034	65	34574	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.053	84	131352	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.072	67	38163	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	122266	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.625	79	15691	4.966	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.400%
46) 2-Hexanone-d5	8.088	63	68128	64.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.800%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31251	5.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	55622	5.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.131	85	48610	4.855	ug/L	97
3) Chloromethane	1.243	50	42539	4.888	ug/L	100
5) Vinyl chloride	1.311	62	56944	6.230	ug/L	97
6) Bromomethane	1.523	94	28763	5.550	ug/L	99
8) Chloroethane	1.584	64	1626572	280.826	ug/L	96
9) Trichlorofluoromethane	1.754	101	75545	5.072	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	40446	5.419	ug/L	98
12) 1,1-Dichloroethene	2.121	96	37527	5.308	ug/L	91
13) Acetone	2.195	43	53923	57.547	ug/L	85
14) Carbon disulfide	2.298	76	109797	4.620	ug/L	99
15) Methyl Acetate	2.439	43	12830	6.032	ug/L	100
16) Methylene chloride	2.507	84	40513	4.016	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	87554	6.043	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	51314	6.373	ug/L	98
19) 1,1-Dichloroethane	3.188	63	915379	67.606	ug/L	99
21) 2-Butanone	3.979	43	75700	63.828	ug/L	94
22) cis-1,2-Dichloroethene	3.912	96	81554	10.561	ug/L	98
23) Bromochloromethane	4.256	128	20274	5.594	ug/L #	87
25) Chloroform	4.378	83	79423	5.265	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	44896	5.599	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	498279	37.149	ug/L	100
30) Cyclohexane	4.677	56	62247	5.561	ug/L	98
31) Carbon tetrachloride	4.828	117	66816	5.438	ug/L	99
33) Benzene	5.101	78	164647	5.627	ug/L	100
34) Trichloroethene	5.915	95	52383	6.683	ug/L	98
35) Methylcyclohexane	6.130	83	79756	6.526	ug/L	98
37) 1,2-Dichloropropane	6.172	63	37937	5.454	ug/L	99
38) Bromodichloromethane	6.510	83	52569	5.569	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	56059	5.663	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	189785	57.159	ug/L	97
42) Toluene	7.388	91	181837	5.730	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	46644	5.607	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	26476	5.497	ug/L	98
47) Tetrachloroethene	7.976	164	121469	17.025	ug/L	98
48) 2-Hexanone	8.140	43	133900	54.562	ug/L	97
49) Dibromochloromethane	8.246	129	36501	5.531	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25564	5.443	ug/L	94
51) Chlorobenzene	8.883	112	117211	5.571	ug/L	99
52) Ethylbenzene	9.011	91	243780	7.349	ug/L	98
53) m,p-xylene	9.140	106	78086	5.915	ug/L	99
54) o-xylene	9.542	106	73392	5.846	ug/L	97
55) Styrene	9.561	104	125865	5.950	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	30400	5.673	ug/L	94
59) Bromoform	9.731	173	20414	5.114	ug/L	97
60) Isopropylbenzene	9.931	105	341475	9.462	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	21687	5.059	ug/L	97
62) 1,3,5-Trimethylbenzene	10.539	105	199100	6.630	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	499403	16.816	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	104003	5.636	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	103133	5.561	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	127646	7.559	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5786	6.797	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	88499	6.143	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	71975	6.439	ug/L	98
71) Naphthalene	13.500	128	315450	20.970	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	61557	6.355	ug/L	98

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

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