

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092421\
 Data File : VW022323.D
 Acq On : 24 Sep 2021 17:51
 Operator : SY/MD
 Sample : M3878-16MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW2N4MSD

Quant Time: Sep 25 04:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 25 04:30:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132985	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	130410	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	68324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27993	4.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.564	69	34220	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.108	63	68726	4.302	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.889	46	122612	44.776	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.560%
24) Chloroform-d	4.352	84	90495	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	41839	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.053	84	169909	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.072	67	57332	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.316	98	149998	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.625	79	15525	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	100475	46.201	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43513	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	58852	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	50430	4.870	ug/L	99
3) Chloromethane	1.240	50	51048	4.933	ug/L	99
5) Vinyl chloride	1.307	62	50435	5.067	ug/L	100
6) Bromomethane	1.519	94	31426	4.926	ug/L	98
8) Chloroethane	1.584	64	30930	4.935	ug/L	94
9) Trichlorofluoromethane	1.751	101	70101	5.092	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	41204	5.023	ug/L	99
12) 1,1-Dichloroethene	2.114	96	37706	5.045	ug/L	91
13) Acetone	2.178	43	63117	40.653	ug/L	98
14) Carbon disulfide	2.291	76	124317	4.892	ug/L	100
15) Methyl Acetate	2.439	43	16596	4.817	ug/L	97
16) Methylene chloride	2.503	84	46269	3.558	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	91057	4.581	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	44565	4.992	ug/L	98
19) 1,1-Dichloroethane	3.188	63	79399	5.041	ug/L	97
21) 2-Butanone	3.976	43	99866	42.519	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	46199	5.207	ug/L	100
23) Bromochloromethane	4.249	128	20862	4.980	ug/L	97
25) Chloroform	4.378	83	78922	4.903	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43977	4.679	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	68422	5.038	ug/L	99
30) Cyclohexane	4.677	56	68814	5.075	ug/L	97
31) Carbon tetrachloride	4.828	117	59339	5.143	ug/L	100
33) Benzene	5.101	78	181642	5.295	ug/L	100
34) Trichloroethene	5.915	95	45805	5.255	ug/L	99
35) Methylcyclohexane	6.133	83	71887	5.164	ug/L	99
37) 1,2-Dichloropropane	6.175	63	45358	5.237	ug/L	98
38) Bromodichloromethane	6.513	83	52515	5.033	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	58206	5.082	ug/L	98
40) 4-Methyl-2-pentanone	7.226	43	256591	45.973	ug/L	100
42) Toluene	7.390	91	191382	5.266	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	49216	5.027	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	31416	4.798	ug/L	99
47) Tetrachloroethene	7.976	164	39180	5.300	ug/L	95
48) 2-Hexanone	8.140	43	182123	46.439	ug/L	100
49) Dibromochloromethane	8.249	129	36209	5.142	ug/L	93
50) 1,2-Dibromoethane	8.355	107	29288	4.811	ug/L	96
51) Chlorobenzene	8.882	112	121402	5.086	ug/L	96
52) Ethylbenzene	9.014	91	198576	5.253	ug/L	98
53) m,p-xylene	9.140	106	76584	5.246	ug/L	97
54) o-xylene	9.545	106	74172	5.214	ug/L	100
55) Styrene	9.564	104	126870	5.375	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	36252	4.458	ug/L	98
59) Bromoform	9.734	173	18166	4.766	ug/L	96
60) Isopropylbenzene	9.934	105	194626	5.112	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	25239	4.259	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	159688	5.136	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	162544	5.245	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	96729	5.162	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	96054	5.058	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	89257	4.997	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	4742	4.025	ug/L	98
69) 1,3,5-Trichlorobenzene	12.647	180	73785	5.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	56711	5.008	ug/L	98
71) Naphthalene	13.506	128	88467	4.299	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	52741	4.984	ug/L	99

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

