

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022297.D
 Acq On : 23 Sep 2021 20:34
 Operator : SY/MD
 Sample : M3873-19MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW7Y6MSD

Quant Time: Sep 24 03:47:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130126	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	125352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	66030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31880	4.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.564	69	37154	4.842	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.800%
11) 1,1-Dichloroethene-d2	2.108	63	74344	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.883	46	142563	53.205	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.420%
24) Chloroform-d	4.352	84	96503	5.131	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.034	65	45382	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	189141	5.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	6.072	67	59507	5.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.317	98	169875	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.629	79	17419	5.181	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.088	63	118701	56.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.560%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	49448	5.336	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	64157	5.177	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	49970	4.932	ug/L	100
3) Chloromethane	1.240	50	51411	5.078	ug/L	98
5) Vinyl chloride	1.307	62	50715	5.208	ug/L	98
6) Bromomethane	1.519	94	30896	4.949	ug/L	99
8) Chloroethane	1.581	64	31496	5.135	ug/L	94
9) Trichlorofluoromethane	1.751	101	68148	5.059	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38769	4.830	ug/L	97
12) 1,1-Dichloroethene	2.118	96	37072	5.070	ug/L	83
13) Acetone	2.172	43	68176	44.876	ug/L	97
14) Carbon disulfide	2.291	76	121469	4.885	ug/L	99
15) Methyl Acetate	2.433	43	16102	4.776	ug/L	92
16) Methylene chloride	2.507	84	47824	3.758	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	97664	5.022	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	44252	5.065	ug/L	99
19) 1,1-Dichloroethane	3.191	63	77688	5.041	ug/L	96
21) 2-Butanone	3.970	43	116205	50.562	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	46059	5.305	ug/L	97
23) Bromochloromethane	4.252	128	21105	5.149	ug/L	98
25) Chloroform	4.378	83	81498	5.175	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	46901	5.100	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	67955	5.205	ug/L	99
30) Cyclohexane	4.677	56	67165	5.153	ug/L	98
31) Carbon tetrachloride	4.828	117	58739	5.296	ug/L	99
33) Benzene	5.101	78	178257	5.406	ug/L	100
34) Trichloroethene	5.915	95	44884	5.357	ug/L	98
35) Methylcyclohexane	6.133	83	69688	5.208	ug/L	99
37) 1,2-Dichloropropane	6.175	63	44970	5.402	ug/L	99
38) Bromodichloromethane	6.513	83	53987	5.383	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	59219	5.379	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	294645	54.922	ug/L	99
42) Toluene	7.391	91	192718	5.517	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	49952	5.308	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33436	5.312	ug/L	97
47) Tetrachloroethene	7.979	164	36894	5.192	ug/L	98
48) 2-Hexanone	8.140	43	210813	55.923	ug/L	100
49) Dibromochloromethane	8.249	129	36500	5.392	ug/L	99
50) 1,2-Dibromoethane	8.355	107	30732	5.252	ug/L #	94
51) Chlorobenzene	8.883	112	121706	5.304	ug/L	98
52) Ethylbenzene	9.014	91	192737	5.304	ug/L	98
53) m,p-xylene	9.140	106	74581	5.315	ug/L	97
54) o-xylene	9.545	106	74066	5.417	ug/L	97
55) Styrene	9.564	104	123946	5.463	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	40783	5.218	ug/L	99
59) Bromoform	9.735	173	18746	5.089	ug/L	96
60) Isopropylbenzene	9.934	105	190410	5.175	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	28961	5.057	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	153734	5.116	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	157734	5.266	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	93760	5.177	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	93404	5.089	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	90319	5.232	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.432	75	5729	5.032	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	69573	5.065	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	52767	4.822	ug/L	95
71) Naphthalene	13.506	128	95457	4.800	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	51305	5.016	ug/L	99

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

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