

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022298.D
 Acq On : 23 Sep 2021 20:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005288

Quant Time: Sep 24 03:47:36 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	129263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	65554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	31831	4.887	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.800%
7) Chloroethane-d5	1.565	69	38921	5.106	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.105	63	76516	4.927	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.918	46	148245	55.695	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.400%
24) Chloroform-d	4.352	84	96660	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.037	65	46517	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	185027	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
36) 1,2-Dichloropropane-d6	6.072	67	60124	5.450	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.317	98	170397	5.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
43) trans-1,3-Dichloroprop...	7.625	79	17496	5.193	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.092	63	119322	56.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.920%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	49377	5.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	61977	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	53402	5.306	ug/L	97
3) Chloromethane	1.240	50	49925	4.964	ug/L	99
5) Vinyl chloride	1.307	62	50165	5.185	ug/L	98
6) Bromomethane	1.516	94	32845	5.296	ug/L	95
8) Chloroethane	1.581	64	30708	5.040	ug/L	100
9) Trichlorofluoromethane	1.748	101	68635	5.129	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	40732	5.108	ug/L	99
12) 1,1-Dichloroethene	2.111	96	37455	5.156	ug/L	98
13) Acetone	2.211	43	75128	49.782	ug/L	63
14) Carbon disulfide	2.288	76	126238	5.110	ug/L	99
15) Methyl Acetate	2.446	43	17865	5.335	ug/L	91
16) Methylene chloride	2.503	84	52421	4.147	ug/L	94
17) Methyl tert-butyl Ether	2.774	73	103461	5.355	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	45424	5.234	ug/L	99
19) 1,1-Dichloroethane	3.188	63	79065	5.164	ug/L	97
21) 2-Butanone	3.995	43	126958	55.610	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	46597	5.403	ug/L	99
23) Bromochloromethane	4.249	128	21833	5.362	ug/L	96
25) Chloroform	4.378	83	80550	5.149	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	48152	5.271	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	68743	5.254	ug/L	98
30) Cyclohexane	4.674	56	70348	5.385	ug/L	97
31) Carbon tetrachloride	4.828	117	59599	5.362	ug/L	100
33) Benzene	5.101	78	183337	5.548	ug/L	100
34) Trichloroethene	5.915	95	46921	5.588	ug/L	97
35) Methylcyclohexane	6.130	83	72299	5.392	ug/L	98
37) 1,2-Dichloropropane	6.175	63	45905	5.502	ug/L	99
38) Bromodichloromethane	6.513	83	54215	5.394	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	58394	5.293	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	312063	58.042	ug/L	99
42) Toluene	7.388	91	197696	5.647	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	50978	5.405	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	34306	5.439	ug/L	98
47) Tetrachloroethene	7.976	164	38727	5.438	ug/L	99
48) 2-Hexanone	8.143	43	222619	58.926	ug/L	99
49) Dibromochloromethane	8.249	129	37050	5.462	ug/L	99
50) 1,2-Dibromoethane	8.355	107	31655	5.397	ug/L	94
51) Chlorobenzene	8.886	112	124142	5.399	ug/L	97
52) Ethylbenzene	9.014	91	198963	5.464	ug/L	98
53) m,p-xylene	9.140	106	77668	5.522	ug/L	97
54) o-xylene	9.545	106	74230	5.417	ug/L	94
55) Styrene	9.564	104	128810	5.665	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	41838	5.341	ug/L	99
59) Bromoform	9.735	173	19670	5.378	ug/L	97
60) Isopropylbenzene	9.934	105	196351	5.375	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	29236	5.142	ug/L	96
62) 1,3,5-Trimethylbenzene	10.542	105	159170	5.335	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	160233	5.389	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	97149	5.403	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	98083	5.383	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	92258	5.383	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	5714	5.055	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	71497	5.243	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	56716	5.220	ug/L	97
71) Naphthalene	13.506	128	104850	5.311	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	55058	5.423	ug/L	98

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

