

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060221\
 Data File : VW021478.D
 Acq On : 02 Jun 2021 13:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005193

Quant Time: Jun 03 02:17:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 03 02:14:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	224046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	207897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53890	5.685	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.800%
7) Chloroethane-d5	1.564	69	43393	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.105	63	96251	5.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	3.924	46	126911	37.246	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.500%
24) Chloroform-d	4.349	84	114285	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.037	65	52006	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	5.050	84	231954	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.072	67	67886	4.185	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.317	98	223098	4.864	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.625	79	28296	4.191	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.095	63	116962	36.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51772	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	93464	4.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	75121	4.996	ug/L	98
3) Chloromethane	1.236	50	64877	4.921	ug/L	99
5) Vinyl chloride	1.307	62	70372	5.136	ug/L	100
6) Bromomethane	1.519	94	47720	5.321	ug/L	99
8) Chloroethane	1.581	64	41838	5.068	ug/L	98
9) Trichlorofluoromethane	1.751	101	115246	5.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	63719	5.409	ug/L	95
12) 1,1-Dichloroethene	2.114	96	60569	5.448	ug/L	93
13) Acetone	2.227	43	83484	43.456	ug/L #	64
14) Carbon disulfide	2.291	76	185631	4.970	ug/L	100
15) Methyl Acetate	2.445	43	18834	4.155	ug/L #	89
16) Methylene chloride	2.507	84	81601	4.468	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	167736	5.223	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	72953	5.260	ug/L	99
19) 1,1-Dichloroethane	3.191	63	126003	5.143	ug/L	99
21) 2-Butanone	4.002	43	158014	48.288	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	78758	5.219	ug/L	97
23) Bromochloromethane	4.252	128	37251	5.489	ug/L	92
25) Chloroform	4.378	83	133040	5.301	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	68998	5.081	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	123668	5.301	ug/L	98
30) Cyclohexane	4.677	56	112318	4.890	ug/L	98
31) Carbon tetrachloride	4.828	117	115327	5.449	ug/L	99
33) Benzene	5.101	78	281594	5.194	ug/L	100
34) Trichloroethene	5.915	95	79865	5.360	ug/L	99
35) Methylcyclohexane	6.130	83	122977	5.013	ug/L	99
37) 1,2-Dichloropropane	6.175	63	68678	5.100	ug/L	100
38) Bromodichloromethane	6.513	83	95437	5.195	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	111329	5.166	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	415635	50.467	ug/L	99
42) Toluene	7.391	91	317594	5.294	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	92663	5.236	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	52399	5.265	ug/L	98
47) Tetrachloroethene	7.976	164	73852	5.437	ug/L	98
48) 2-Hexanone	8.143	43	288228	51.485	ug/L	99
49) Dibromochloromethane	8.249	129	71367	5.282	ug/L	100
50) 1,2-Dibromoethane	8.355	107	50582	5.272	ug/L	98
51) Chlorobenzene	8.882	112	210169	5.305	ug/L	98
52) Ethylbenzene	9.014	91	355017	5.290	ug/L	98
53) m,p-xylene	9.140	106	136041	5.262	ug/L	100
54) o-xylene	9.545	106	134668	5.330	ug/L	100
55) Styrene	9.561	104	227629	5.346	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	59964	5.116	ug/L	98
59) Bromoform	9.735	173	45950	5.184	ug/L	98
60) Isopropylbenzene	9.931	105	370954	5.113	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	43052	4.943	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	310241	5.022	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	324513	5.135	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	186262	5.213	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	183914	5.160	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	171050	5.174	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	10418	4.887	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	166685	5.183	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	137203	5.142	ug/L	99
71) Naphthalene	13.503	128	199614	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	119894	5.064	ug/L	100

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

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