

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013021\
 Data File : VW020217.D
 Acq On : 29 Jan 2021 09:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005703

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:54:39 PM

Quant Time: Jan 30 02:21:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	476543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	453634	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	257235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	141625	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.566	69	124857	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.110	63	242721	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.917	46	299609	43.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.62%
24) Chloroform-d	4.351	84	288960	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.036	65	138500	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.048	84	531454	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.071	67	160147	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.315	98	495648	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	7.624	79	60793	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.093	63	240891	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	114444	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	11.630	152	197040	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	246402	5.25	ug/L	99
3) Chloromethane	1.238	50	222244	4.83	ug/L	99
5) Vinyl chloride	1.309	62	217185	4.92	ug/L	99
6) Bromomethane	1.521	94	122377	4.81	ug/L	99
8) Chloroethane	1.582	64	128412	4.95	ug/L	97
9) Trichlorofluoromethane	1.749	101	316501	5.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	162805	5.98	ug/L #	84
12) 1,1-Dichloroethene	2.116	96	148257	5.62	ug/L	82
13) Acetone	2.212	43	167228m	42.85	ug/L	
14) Carbon disulfide	2.290	76	388676	3.90	ug/L	98
15) Methyl Acetate	2.447	43	55369	4.82	ug/L #	70
16) Methylene chloride	2.505	84	168504	4.77	ug/L	93
17) Methyl tert-butyl Ether	2.775	73	348942	4.79	ug/L	98
18) trans-1,2-Dichloroethene	2.759	96	170395	4.86	ug/L	94
19) 1,1-Dichloroethane	3.190	63	312597	4.98	ug/L	98
21) 2-Butanone	4.003	43	340233	45.55	ug/L	98
22) cis-1,2-Dichloroethene	3.913	96	176195	4.88	ug/L	89
23) Bromochloromethane	4.251	128	78260	4.98	ug/L	83
25) Chloroform	4.376	83	321763	4.96	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	191852	4.96	ug/L	99
29) 1,1,1-Trichloroethane	4.608	97	292308	5.15	ug/L	97
30) Cyclohexane	4.675	56	280795	5.18	ug/L	95
31) Carbon tetrachloride	4.827	117	259238	5.21	ug/L	98
33) Benzene	5.100	78	684016	5.11	ug/L	100
34) Trichloroethene	5.917	95	188170	5.07	ug/L	91
35) Methylcyclohexane	6.132	83	299139	5.34	ug/L	94
37) 1,2-Dichloropropane	6.177	63	169216	5.22	ug/L	99
38) Bromodichloromethane	6.511	83	214008	5.03	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	234726	5.19	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	869141	48.22	ug/L	96
42) Toluene	7.389	91	737419	5.17	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	195210	5.15	ug/L	98
45) 1,1,2-Trichloroethane	7.842	97	115382	5.09	ug/L	98
47) Tetrachloroethene	7.978	164	163508	5.15	ug/L	92
48) 2-Hexanone	8.145	43	609637	48.66	ug/L	97
49) Dibromochloromethane	8.251	129	139117	5.13	ug/L	99
50) 1,2-Dibromoethane	8.357	107	108384	4.99	ug/L #	97
51) Chlorobenzene	8.884	112	477328	5.08	ug/L	96
52) Ethylbenzene	9.016	91	832652	5.22	ug/L	98
53) m,p-xylene	9.141	106	311601	5.23	ug/L	97
54) o-xylene	9.547	106	301069	5.23	ug/L	98
55) Styrene	9.563	104	520511	5.33	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.248	83	125073	5.16	ug/L	99
59) Bromoform	9.736	173	77977	5.20	ug/L #	98
60) Isopropylbenzene	9.936	105	832868	5.42	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	94388	5.24	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	687491	5.41	ug/L	97
63) 1,2,4-Trimethylbenzene	10.920	105	693565	5.32	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	410061	5.12	ug/L	95
65) 1,4-Dichlorobenzene	11.280	146	406345	5.02	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	366071	5.05	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.434	75	19200	4.52	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.653	180	351050	5.09	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	281064	5.02	ug/L	96
71) Naphthalene	13.511	128	376820	4.95	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	246826	4.98	ug/L	96

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

