

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020215.D
 Acq On : 28 Jan 2021 16:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005702

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:51:11 PM

Quant Time: Jan 29 00:53:59 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	5.621	114	463393	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	447302	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	253191	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	149336	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.566	69	125393	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.110	63	196438	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.933	46	274005	40.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.46%
24) Chloroform-d	4.354	84	288430	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.039	65	140830	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	5.055	84	543864	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.074	67	164430	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.318	98	510631	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	7.627	79	57109	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.096	63	243075	44.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.54%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	117680	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.630	152	202478	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	205741	4.51	ug/L	100
3) Chloromethane	1.241	50	203353	4.55	ug/L	99
5) Vinyl chloride	1.309	62	199272	4.65	ug/L	99
6) Bromomethane	1.521	94	115909	4.68	ug/L	97
8) Chloroethane	1.585	64	118971	4.72	ug/L	99
9) Trichlorofluoromethane	1.753	101	235757	4.59	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	114343	4.32	ug/L #	80
12) 1,1-Dichloroethene	2.119	96	113770	4.43	ug/L	73
13) Acetone	2.245	43	126327m	33.29	ug/L	
14) Carbon disulfide	2.293	76	342506	3.54	ug/L	100
15) Methyl Acetate	2.454	43	40887	3.66	ug/L #	61
16) Methylene chloride	2.508	84	157810	4.59	ug/L	90
17) Methyl tert-butyl Ether	2.775	73	322672	4.55	ug/L	98
18) trans-1,2-Dichloroethene	2.762	96	157521	4.62	ug/L	93
19) 1,1-Dichloroethane	3.193	63	284738	4.66	ug/L	99
21) 2-Butanone	4.019	43	312679	43.05	ug/L #	69
22) cis-1,2-Dichloroethene	3.917	96	163779	4.67	ug/L	91
23) Bromochloromethane	4.254	128	72420	4.74	ug/L	84
25) Chloroform	4.380	83	293928	4.66	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.138	62	177024	4.71	ug/L	99
29) 1,1,1-Trichloroethane	4.611	97	265126	4.74	ug/L	97
30) Cyclohexane	4.679	56	247759	4.64	ug/L	95
31) Carbon tetrachloride	4.833	117	230718	4.70	ug/L	100
33) Benzene	5.103	78	636894	4.83	ug/L	100
34) Trichloroethene	5.920	95	170376	4.66	ug/L	90
35) Methylcyclohexane	6.135	83	253971	4.60	ug/L	95
37) 1,2-Dichloropropane	6.180	63	153190	4.79	ug/L	98
38) Bromodichloromethane	6.515	83	193716	4.62	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	210842	4.73	ug/L	95
40) 4-Methyl-2-pentanone	7.235	43	813203	45.75	ug/L	96
42) Toluene	7.392	91	682169	4.85	ug/L	100
44) trans-1,3-Dichloropropene	7.656	75	176340	4.72	ug/L	99
45) 1,1,2-Trichloroethane	7.846	97	103180	4.61	ug/L	97
47) Tetrachloroethene	7.977	164	145920	4.66	ug/L	93
48) 2-Hexanone	8.148	43	571743	46.28	ug/L	97
49) Dibromochloromethane	8.251	129	126905	4.75	ug/L	99
50) 1,2-Dibromoethane	8.357	107	99238	4.64	ug/L #	94
51) Chlorobenzene	8.884	112	444406	4.79	ug/L	95
52) Ethylbenzene	9.016	91	763462	4.85	ug/L	99
53) m,p-xylene	9.141	106	286034	4.87	ug/L	98
54) o-xylene	9.547	106	274113	4.83	ug/L	97
55) Styrene	9.566	104	468920	4.87	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.247	83	117496	4.92	ug/L	98
59) Bromoform	9.736	173	69418	4.71	ug/L #	97
60) Isopropylbenzene	9.936	105	759181	5.02	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	86414	4.87	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	620376	4.96	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	637065	4.97	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	370920	4.71	ug/L	97
65) 1,4-Dichlorobenzene	11.280	146	369520	4.64	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	333002	4.67	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.437	75	17104	4.09	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.653	180	321089	4.73	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	258190	4.69	ug/L	98
71) Naphthalene	13.511	128	349154	4.66	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	223985	4.59	ug/L	96

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

