

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013021\
 Data File : VW020220.D
 Acq On : 29 Jan 2021 12:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704

Quant Time: Jan 30 02:28:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 30 02:26:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	451658	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	435839	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	249504	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.303	65	137323	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.563	69	122243	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.103	63	238347	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	3.926	46	296704	45.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.50%
24) Chloroform-d	4.347	84	284154	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.036	65	136924	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.048	84	524160	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.071	67	159071	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.315	98	488117	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	7.624	79	57449	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.093	63	237461	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	111624	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
66) 1,2-Dichlorobenzene-d4	11.630	152	194054	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	214633	4.83	ug/L	99
3) Chloromethane	1.238	50	207056	4.75	ug/L	99
5) Vinyl chloride	1.309	62	203990	4.88	ug/L	97
6) Bromomethane	1.518	94	115059	4.77	ug/L	100
8) Chloroethane	1.582	64	119895	4.88	ug/L	97
9) Trichlorofluoromethane	1.749	101	249444	4.98	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	144473	5.60	ug/L #	85
12) 1,1-Dichloroethene	2.113	96	138734	5.55	ug/L	83
13) Acetone	2.232	43	185567	50.16	ug/L	89
14) Carbon disulfide	2.286	76	472769	5.01	ug/L	99
15) Methyl Acetate	2.447	43	45100	4.14	ug/L #	58
16) Methylene chloride	2.505	84	159246	4.76	ug/L	92
17) Methyl tert-butyl Ether	2.772	73	326181	4.72	ug/L	97
18) trans-1,2-Dichloroethene	2.756	96	159576	4.81	ug/L	94
19) 1,1-Dichloroethane	3.187	63	288780	4.85	ug/L	99
21) 2-Butanone	4.007	43	320645	45.29	ug/L	100
22) cis-1,2-Dichloroethene	3.913	96	164662	4.81	ug/L	92
23) Bromochloromethane	4.251	128	73447	4.93	ug/L	83
25) Chloroform	4.376	83	296415	4.82	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	175060	4.77	ug/L	100
29) 1,1,1-Trichloroethane	4.608	97	270212	4.96	ug/L	97
30) Cyclohexane	4.675	56	252159	4.84	ug/L	95
31) Carbon tetrachloride	4.827	117	233027	4.88	ug/L	98
33) Benzene	5.100	78	637246	4.96	ug/L	100
34) Trichloroethene	5.913	95	172416	4.84	ug/L	90
35) Methylcyclohexane	6.129	83	257857	4.80	ug/L	94
37) 1,2-Dichloropropane	6.177	63	156772	5.03	ug/L	99
38) Bromodichloromethane	6.511	83	197295	4.83	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	213002	4.90	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	816904	47.17	ug/L	96
42) Toluene	7.389	91	684838	5.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	175523	4.82	ug/L	97
45) 1,1,2-Trichloroethane	7.842	97	106847	4.90	ug/L	98
47) Tetrachloroethene	7.978	164	147353	4.83	ug/L	93
48) 2-Hexanone	8.145	43	567737	47.17	ug/L	97
49) Dibromochloromethane	8.248	129	125700	4.83	ug/L	98
50) 1,2-Dibromoethane	8.357	107	101333	4.86	ug/L #	99
51) Chlorobenzene	8.884	112	436904	4.84	ug/L	96
52) Ethylbenzene	9.016	91	756524	4.93	ug/L	97
53) m,p-xylene	9.141	106	288781	5.05	ug/L	97
54) o-xylene	9.547	106	278495	5.03	ug/L	95
55) Styrene	9.566	104	472897	5.04	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.248	83	115877	4.98	ug/L	99
59) Bromoform	9.736	173	70740	4.87	ug/L #	97
60) Isopropylbenzene	9.936	105	759463	5.09	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	87019	4.98	ug/L	96
62) 1,3,5-Trimethylbenzene	10.543	105	624291	5.06	ug/L	98
63) 1,2,4-Trimethylbenzene	10.920	105	636961	5.04	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	376553	4.85	ug/L	96
65) 1,4-Dichlorobenzene	11.280	146	373650	4.76	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	336562	4.79	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.437	75	16829	4.08	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.653	180	324160	4.85	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	260500	4.80	ug/L	97
71) Naphthalene	13.511	128	348594	4.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	228868	4.76	ug/L	96

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

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