

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012921\
 Data File : VW020212.D
 Acq On : 28 Jan 2021 12:05
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV701

Manual Integrations
 APPROVED

MMDadoda
 2/1/2021 1:51:08 PM

Quant Time: Jan 29 00:51:49 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	460634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	434671	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	249757	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.302	65	158987	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.563	69	135355	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.106	63	257237	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.00%
20) 2-Butanone-d5	3.926	46	312743	46.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.54%
24) Chloroform-d	4.347	84	308036	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.035	65	146989	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.048	84	583066	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.071	67	174214	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.318	98	546087	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	7.624	79	65668	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.093	63	263170	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	121948	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
66) 1,2-Dichlorobenzene-d4	11.633	152	215194	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	226681	5.00	ug/L	100
3) Chloromethane	1.238	50	213406	4.80	ug/L	99
5) Vinyl chloride	1.309	62	212054	4.97	ug/L	99
6) Bromomethane	1.518	94	120649	4.90	ug/L	99
8) Chloroethane	1.582	64	123883	4.94	ug/L	98
9) Trichlorofluoromethane	1.749	101	250341	4.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	142628	5.42	ug/L #	83
12) 1,1-Dichloroethene	2.113	96	140690	5.51	ug/L	83
13) Acetone	2.232	43	159390m	42.25	ug/L	
14) Carbon disulfide	2.286	76	498409	5.18	ug/L	99
15) Methyl Acetate	2.450	43	53884	4.85	ug/L #	73
16) Methylene chloride	2.505	84	171131	5.01	ug/L	93
17) Methyl tert-butyl Ether	2.772	73	342612	4.86	ug/L	98
18) trans-1,2-Dichloroethene	2.756	96	167708	4.95	ug/L	91
19) 1,1-Dichloroethane	3.187	63	296487	4.88	ug/L	99
21) 2-Butanone	4.006	43	323475	44.80	ug/L	90
22) cis-1,2-Dichloroethene	3.910	96	173857	4.98	ug/L	88
23) Bromochloromethane	4.248	128	77470	5.10	ug/L #	82
25) Chloroform	4.376	83	311404	4.97	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.132	62	175850	4.70	ug/L	99
29) 1,1,1-Trichloroethane	4.608	97	273857	5.04	ug/L	97
30) Cyclohexane	4.675	56	261727	5.04	ug/L	95
31) Carbon tetrachloride	4.826	117	238853	5.01	ug/L	99
33) Benzene	5.100	78	651468	5.08	ug/L	100
34) Trichloroethene	5.913	95	176948	4.98	ug/L	91
35) Methylcyclohexane	6.132	83	272360	5.08	ug/L	94
37) 1,2-Dichloropropane	6.177	63	158720	5.11	ug/L	99
38) Bromodichloromethane	6.511	83	200897	4.93	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	229611	5.30	ug/L	97
40) 4-Methyl-2-pentanone	7.231	43	852105	49.33	ug/L	96
42) Toluene	7.389	91	703022	5.15	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	187459	5.16	ug/L	97
45) 1,1,2-Trichloroethane	7.842	97	108125	4.97	ug/L	96
47) Tetrachloroethene	7.977	164	151540	4.98	ug/L	90
48) 2-Hexanone	8.145	43	604458	50.35	ug/L	96
49) Dibromochloromethane	8.251	129	130985	5.04	ug/L	100
50) 1,2-Dibromoethane	8.357	107	104576	5.03	ug/L #	100
51) Chlorobenzene	8.884	112	452590	5.02	ug/L	95
52) Ethylbenzene	9.016	91	776078	5.07	ug/L	98
53) m,p-xylene	9.141	106	297274	5.21	ug/L	97
54) o-xylene	9.546	106	283066	5.13	ug/L	100
55) Styrene	9.566	104	484890	5.18	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.247	83	122415	5.27	ug/L	97
59) Bromoform	9.736	173	74724	5.14	ug/L #	98
60) Isopropylbenzene	9.935	105	770562	5.16	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	92827	5.30	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	647861	5.25	ug/L	97
63) 1,2,4-Trimethylbenzene	10.919	105	665305	5.26	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	389894	5.02	ug/L	95
65) 1,4-Dichlorobenzene	11.280	146	391031	4.97	ug/L	96
67) 1,2-Dichlorobenzene	11.649	146	360197	5.12	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.437	75	19951	4.83	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.652	180	333410	4.98	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	276147	5.08	ug/L	96
71) Naphthalene	13.511	128	392542	5.31	ug/L	100
72) 1,2,3-Trichlorobenzene	13.752	180	240137	4.99	ug/L	95

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

