

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022421\
 Data File : VW020385.D
 Acq On : 23 Feb 2021 16:08
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV702

Quant Time: Feb 24 03:12:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 24 03:03:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	318899	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	307233	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	167438	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99412	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.568	69	79903	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.108	63	198082	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	3.915	46	193665	52.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.54%
24) Chloroform-d	4.352	84	187153	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.037	65	89333	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.053	84	362770	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.075	67	106177	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.320	98	355442	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloroprop...	7.625	79	41370	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	8.095	63	159379	56.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.14%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	78567	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
66) 1,2-Dichlorobenzene-d4	11.631	152	142898	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	196545	4.98	ug/L	99
3) Chloromethane	1.240	50	160290	4.78	ug/L	98
5) Vinyl chloride	1.307	62	177180	4.93	ug/L	99
6) Bromomethane	1.519	94	115012	5.00	ug/L	99
8) Chloroethane	1.584	64	100923	4.74	ug/L	97
9) Trichlorofluoromethane	1.751	101	251262	4.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	136008	4.91	ug/L	99
12) 1,1-Dichloroethene	2.117	96	131099	4.94	ug/L	95
13) Acetone	2.214	43	158101	47.98	ug/L	99
14) Carbon disulfide	2.291	76	395872	5.01	ug/L	99
15) Methyl Acetate	2.449	43	38688	4.92	ug/L	94
16) Methylene chloride	2.506	84	131416	4.24	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	265715	5.11	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	136400	5.02	ug/L	98
19) 1,1-Dichloroethane	3.191	63	234457	4.89	ug/L	100
21) 2-Butanone	3.998	43	254472	52.25	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	141447	4.98	ug/L	98
23) Bromochloromethane	4.252	128	63832	4.99	ug/L	98
25) Chloroform	4.381	83	247121	4.80	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	141000	4.98	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	220358	5.03	ug/L	100
30) Cyclohexane	4.680	56	203206	5.10	ug/L	99
31) Carbon tetrachloride	4.831	117	192005	5.03	ug/L	99
33) Benzene	5.101	78	527465	4.97	ug/L	100
34) Trichloroethene	5.918	95	148438	4.98	ug/L	99
35) Methylcyclohexane	6.137	83	219968	5.01	ug/L	100
37) 1,2-Dichloropropane	6.178	63	124635	4.94	ug/L	99
38) Bromodichloromethane	6.513	83	159755	4.94	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	178135	5.13	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	628374	52.17	ug/L	99
42) Toluene	7.391	91	592563	5.09	ug/L	100
44) trans-1,3-Dichloropropene	7.657	75	145943	5.21	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	90268	4.98	ug/L	97
47) Tetrachloroethene	7.979	164	126502	4.99	ug/L	98
48) 2-Hexanone	8.146	43	449375	52.74	ug/L	99
49) Dibromochloromethane	8.252	129	107242	5.12	ug/L	98
50) 1,2-Dibromoethane	8.358	107	84499	4.98	ug/L	99
51) Chlorobenzene	8.886	112	384579	5.00	ug/L	99
52) Ethylbenzene	9.017	91	649732	5.06	ug/L	98
53) m,p-xylene	9.143	106	254496	5.16	ug/L	99
54) o-xylene	9.548	106	240351	5.17	ug/L	100
55) Styrene	9.564	104	412764	5.32	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	97368	5.13	ug/L	97
59) Bromoform	9.738	173	55854	5.15	ug/L	99
60) Isopropylbenzene	9.937	105	659476	5.20	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	74998	4.90	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	551610	5.31	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	563889	5.38	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	327940	5.06	ug/L	99
65) 1,4-Dichlorobenzene	11.281	146	327395	5.03	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	296147	5.07	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	14113	5.24	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	270806	5.15	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	226875	5.36	ug/L	98
71) Naphthalene	13.509	128	334133	5.85	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	203679	5.57	ug/L	100

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

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