

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021299.D
 Acq On : 06 May 2021 10:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050193

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 1:11:43 PM

Quant Time: May 07 03:52:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 06 02:15:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	697072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	673560	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	408984	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	175282	56.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	113.38%
7) Chloroethane-d5	1.571	69	148073	53.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.18%
11) 1,1-Dichloroethene-d2	2.111	63	435835	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
21) 2-Butanone-d5	3.905	46	228905	92.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.25%
24) Chloroform-d	4.349	84	487573	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.08%
26) 1,2-Dichloroethane-d4	5.034	65	366543	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.053	84	793243	51.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.28%
36) 1,2-Dichloropropane-d6	6.072	67	197640	49.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.20%
41) Toluene-d8	7.317	98	832849	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%
43) trans-1,3-Dichloroprop...	7.622	79	147943	49.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.84%
47) 2-Hexanone-d5	8.092	63	176426	95.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.88%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	311330	48.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.64%
66) 1,2-Dichlorobenzene-d4	11.632	152	387284	48.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.10%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	268032	47.63	ug/L	100
3) Chloromethane	1.243	50	151517	44.78	ug/L	100
5) Vinyl chloride	1.314	62	191369	45.38	ug/L	97
6) Bromomethane	1.526	94	159323	48.02	ug/L	98
8) Chloroethane	1.587	64	128324	47.10	ug/L	99
9) Trichlorofluoromethane	1.754	101	512392	46.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	246821	50.54	ug/L	97
12) 1,1-Dichloroethene	2.118	96	214073	49.05	ug/L	96
13) Acetone	2.201	43	292444	99.72	ug/L	90
14) Carbon disulfide	2.294	76	498769	45.55	ug/L	99
15) Methyl Acetate	2.442	43	167285	47.23	ug/L	92
16) Methylene chloride	2.507	84	217586	48.67	ug/L	93
17) trans-1,2-Dichloroethene	2.761	96	207946	47.58	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	757978	48.37	ug/L #	90
19) 1,1-Dichloroethane	3.191	63	370789	48.97	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	231070	48.09	ug/L	97
22) 2-Butanone	3.986	43	261632	93.47	ug/L	93
23) Bromochloromethane	4.249	128	136336	49.52	ug/L #	83
25) Chloroform	4.378	83	485385	48.69	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	442634	48.71	ug/L	98
29) Cyclohexane	4.683	56	275006	48.57	ug/L	85
30) 1,1,1-Trichloroethane	4.613	97	509554	48.41	ug/L	99
31) Carbon tetrachloride	4.831	117	477016	48.75	ug/L	99
33) Benzene	5.101	78	815912	47.35	ug/L	100
34) Trichloroethene	5.918	95	262479	47.34	ug/L	97
35) Methylcyclohexane	6.137	83	358057	49.44	ug/L	96
37) 1,2-Dichloropropane	6.175	63	178959m	49.18	ug/L	
38) Bromodichloromethane	6.513	83	380011	49.22	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	365910	51.54	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	503300	97.63	ug/L #	95
42) Toluene	7.391	91	1007348	50.16	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	391624	50.57	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	223682	47.91	ug/L	98
46) Tetrachloroethene	7.979	164	240607	50.49	ug/L	98
48) 2-Hexanone	8.143	43	422555	102.03	ug/L #	94
49) Dibromochloromethane	8.249	129	324510	49.00	ug/L	93
50) 1,2-Dibromoethane	8.355	107	252633	48.04	ug/L	97
51) Chlorobenzene	8.886	112	699524	50.39	ug/L	99
52) Ethylbenzene	9.014	91	1181189	50.91	ug/L	100
53) m,p-Xylene	9.143	106	466942	51.26	ug/L	99
54) o-Xylene	9.548	106	450072	51.25	ug/L	94
55) Styrene	9.564	104	779265	52.13	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.246	83	313321	49.65	ug/L #	95
59) Bromoform	9.735	173	251373	45.92	ug/L	98
60) Isopropylbenzene	9.937	105	1283235	49.10	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	302633	45.26	ug/L	97
62) 1,3,5-Trimethylbenzene	10.545	105	1128892	49.33	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	1168365	50.87	ug/L	94
64) 1,3-Dichlorobenzene	11.188	146	622233	49.04	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	627638	48.31	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	615327	48.01	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	106584	45.83	ug/L	91
69) 1,3,5-Trichlorobenzene	12.651	180	495030	50.37	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	407682	50.96	ug/L	99
71) Naphthalene	13.509	128	1099085	50.02	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	410908	50.75	ug/L	98

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

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