

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042821\
 Data File : VW021190.D
 Acq On : 28 Apr 2021 10:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050184

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 1:02:15 PM

Quant Time: Apr 29 04:09:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 28 03:28:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	850545	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	843802	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	488260	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	288861	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.66%
7) Chloroethane-d5	1.571	69	231526	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.06%
11) 1,1-Dichloroethene-d2	2.111	63	543098	42.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.26%
21) 2-Butanone-d5	3.899	46	322140	94.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.39%
24) Chloroform-d	4.349	84	568634	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.28%
26) 1,2-Dichloroethane-d4	5.034	65	350158	44.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.42%
32) Benzene-d6	5.050	84	1057143	47.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.08%
36) 1,2-Dichloropropane-d6	6.069	67	325339	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.317	98	1070493	49.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.44%
43) trans-1,3-Dichloroprop...	7.622	79	170523	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.091	63	260760	98.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.01%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	485417	47.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.96%
66) 1,2-Dichlorobenzene-d4	11.632	152	465187	48.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.46%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	396037	46.12	ug/L	99
3) Chloromethane	1.243	50	334309	45.23	ug/L	100
5) Vinyl chloride	1.314	62	369011	48.77	ug/L	100
6) Bromomethane	1.526	94	261966	51.39	ug/L	98
8) Chloroethane	1.587	64	225606	50.54	ug/L	98
9) Trichlorofluoromethane	1.754	101	628821	46.64	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	344096	51.45	ug/L	97
12) 1,1-Dichloroethene	2.121	96	313445	51.62	ug/L	76
13) Acetone	2.195	43	351696m	110.32	ug/L	
14) Carbon disulfide	2.297	76	858289	51.53	ug/L	99
15) Methyl Acetate	2.439	43	278179	52.76	ug/L	98
16) Methylene chloride	2.510	84	335252	52.94	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	308838	52.94	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	897058	50.09	ug/L	97
19) 1,1-Dichloroethane	3.191	63	547665	52.02	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	334843	53.78	ug/L	94
22) 2-Butanone	3.982	43	406884	110.21	ug/L	96
23) Bromochloromethane	4.249	128	192119	53.54	ug/L	96
25) Chloroform	4.375	83	605563	51.11	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	442957	46.95	ug/L	96
29) Cyclohexane	4.680	56	456789	53.19	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	569115	50.35	ug/L	98
31) Carbon tetrachloride	4.828	117	518908	49.70	ug/L	98
33) Benzene	5.101	78	1267817	53.90	ug/L	100
34) Trichloroethene	5.915	95	347062	53.31	ug/L	99
35) Methylcyclohexane	6.133	83	534904	54.68	ug/L	98
37) 1,2-Dichloropropane	6.175	63	318078	55.05	ug/L	99
38) Bromodichloromethane	6.510	83	458866	50.96	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	507847	53.89	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	724372	103.72	ug/L	97
42) Toluene	7.391	91	1449373	56.13	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	497691	51.04	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	336831	53.67	ug/L	98
46) Tetrachloroethene	7.979	164	310027	53.24	ug/L	98
48) 2-Hexanone	8.143	43	593701	107.95	ug/L	96
49) Dibromochloromethane	8.249	129	401855	51.99	ug/L	98
50) 1,2-Dibromoethane	8.355	107	367803	54.22	ug/L	96
51) Chlorobenzene	8.882	112	937081	52.76	ug/L	98
52) Ethylbenzene	9.014	91	1563077	54.59	ug/L	99
53) m,p-Xylene	9.140	106	616481	56.50	ug/L	98
54) o-Xylene	9.548	106	571634	53.34	ug/L	94
55) Styrene	9.564	104	1044788	57.71	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	517431	51.88	ug/L	97
59) Bromoform	9.734	173	309268	51.67	ug/L	98
60) Isopropylbenzene	9.937	105	1603640	54.95	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	420781	51.11	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	1342934	54.18	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	1390106	56.24	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	801674	55.14	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	806857	54.01	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	806520	53.74	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	113598	46.04	ug/L	87
69) 1,3,5-Trichlorobenzene	12.651	180	621463	54.96	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	516688	55.75	ug/L	99
71) Naphthalene	13.509	128	1413171	54.74	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	545673	57.70	ug/L	99

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

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