

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042821\
 Data File : VW021216.D
 Acq On : 28 Apr 2021 21:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050185

Manual Integrations
 APPROVED

MMDadoda
 4/30/2021 11:13:58 AM

Quant Time: Apr 29 04:16:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 29 04:12:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	859328	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	857224	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	500384	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	266161	37.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.38%		
7) Chloroethane-d5	1.571	69	217849	41.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.88%		
11) 1,1-Dichloroethene-d2	2.111	63	499897	38.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.76%		
21) 2-Butanone-d5	3.892	46	330702	95.91	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.91%		
24) Chloroform-d	4.352	84	551603	43.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.64%		
26) 1,2-Dichloroethane-d4	5.037	65	327066	40.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.74%		
32) Benzene-d6	5.056	84	1023802	44.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.68%		
36) 1,2-Dichloropropane-d6	6.075	67	316865	46.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.00%		
41) Toluene-d8	7.320	98	1014545	45.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.84%		
43) trans-1,3-Dichloroprop...	7.625	79	158016	42.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.86%		
47) 2-Hexanone-d5	8.091	63	269733	99.80	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.80%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	473029	46.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.04%		
66) 1,2-Dichlorobenzene-d4	11.632	152	455318	46.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.12%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	355807	41.01	ug/L	98
3) Chloromethane	1.243	50	310851	41.63	ug/L	99
5) Vinyl chloride	1.314	62	338682	44.31	ug/L	98
6) Bromomethane	1.523	94	244068	47.39	ug/L	98
8) Chloroethane	1.587	64	202494	44.90	ug/L	99
9) Trichlorofluoromethane	1.754	101	579420	42.54	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	312030	46.18	ug/L	96
12) 1,1-Dichloroethene	2.121	96	291527	47.52	ug/L	79
13) Acetone	2.185	43	238987m	74.20	ug/L	
14) Carbon disulfide	2.297	76	783826	46.58	ug/L	100
15) Methyl Acetate	2.436	43	269748	50.64	ug/L	96
16) Methylene chloride	2.510	84	325304	50.85	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	303142	51.43	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	886799	49.01	ug/L	97
19) 1,1-Dichloroethane	3.195	63	512622	48.19	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	331888	52.76	ug/L	92
22) 2-Butanone	3.976	43	360906	96.75	ug/L	92
23) Bromochloromethane	4.252	128	187766	51.79	ug/L	94
25) Chloroform	4.381	83	589967	49.28	ug/L	100

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

27) 1,2-Dichloroethane	5.133	62	423980m	44.48	ug/L	
29) Cyclohexane	4.683	56	424351	48.64	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	544625	47.43	ug/L	97
31) Carbon tetrachloride	4.831	117	488714	46.08	ug/L	99
33) Benzene	5.104	78	1222958	51.18	ug/L	100
34) Trichloroethene	5.918	95	342817	51.84	ug/L	98
35) Methylcyclohexane	6.137	83	484878	48.79	ug/L	97
37) 1,2-Dichloropropane	6.178	63	303350	51.68	ug/L	99
38) Bromodichloromethane	6.516	83	442868	48.42	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	468330	48.92	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	727915	102.59	ug/L	97
42) Toluene	7.391	91	1384419	52.77	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	470334	47.48	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	327646	51.39	ug/L	98
46) Tetrachloroethene	7.979	164	289878	49.00	ug/L	94
48) 2-Hexanone	8.143	43	548834	98.23	ug/L	94
49) Dibromochloromethane	8.252	129	385017	49.04	ug/L	97
50) 1,2-Dibromoethane	8.355	107	357723	51.90	ug/L	97
51) Chlorobenzene	8.886	112	920828	51.04	ug/L	97
52) Ethylbenzene	9.017	91	1500847	51.60	ug/L	99
53) m,p-Xylene	9.143	106	597117	53.87	ug/L	93
54) o-Xylene	9.548	106	570758	52.42	ug/L	98
55) Styrene	9.564	104	1013580	55.11	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	488799	48.24	ug/L	99
59) Bromoform	9.738	173	299441	48.82	ug/L	99
60) Isopropylbenzene	9.937	105	1525034	50.99	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	413971	49.07	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1298246	51.11	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	1331624	52.57	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	780303	52.37	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	803023	52.46	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	789724	51.34	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	117418	46.43	ug/L	94
69) 1,3,5-Trichlorobenzene	12.651	180	626731	54.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	544389	57.31	ug/L	99
71) Naphthalene	13.509	128	1590409	60.11	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	576370	59.47	ug/L	99

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

