

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040621\
 Data File : VW020937.D
 Acq On : 06 Apr 2021 09:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Apr 07 02:06:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	583728	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	569059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	349459	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	158510	38.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.50%		
7) Chloroethane-d5	1.568	69	127077	40.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.12%		
11) 1,1-Dichloroethene-d2	2.108	63	343496	43.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.86%		
21) 2-Butanone-d5	3.895	46	228162	84.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.63%		
24) Chloroform-d	4.349	84	430714	52.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.58%		
26) 1,2-Dichloroethane-d4	5.030	65	284576	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.90%		
32) Benzene-d6	5.050	84	743338	49.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.02%		
36) 1,2-Dichloropropane-d6	6.069	67	213650	45.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.76%		
41) Toluene-d8	7.317	98	739923	52.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.82%		
43) trans-1,3-Dichloroprop...	7.622	79	129453	52.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.50%		
47) 2-Hexanone-d5	8.091	63	178018	91.18	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.18%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	319765	47.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.28%		
64) 1,2-Dichlorobenzene-d4	11.628	152	351106	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.54%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	260028	47.54	ug/L	100
3) Chloromethane	1.243	50	160466	36.75	ug/L	97
5) Vinyl chloride	1.314	62	186633	41.85	ug/L	100
6) Bromomethane	1.523	94	143393	51.00	ug/L	99
8) Chloroethane	1.587	64	116338	45.16	ug/L	98
9) Trichlorofluoromethane	1.754	101	416906	54.69	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	201062	54.87	ug/L	92
12) 1,1-Dichloroethene	2.117	96	176482	51.81	ug/L	84
13) Acetone	2.191	43	225119	117.09	ug/L	98
14) Carbon disulfide	2.294	76	497617	44.18	ug/L	100
15) Methyl Acetate	2.436	43	164959	41.10	ug/L #	89
16) Methylene chloride	2.506	84	205707	49.52	ug/L	88
17) trans-1,2-Dichloroethene	2.760	96	198322	50.77	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	652534	53.88	ug/L	97
19) 1,1-Dichloroethane	3.188	63	351316	48.41	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	216081	51.70	ug/L	90
22) 2-Butanone	3.979	43	255278	90.71	ug/L	89
23) Bromochloromethane	4.246	128	125745	55.89	ug/L #	81
25) Chloroform	4.375	83	417238	54.05	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	331845	53.82	ug/L	100
29) Cyclohexane	4.677	56	275454	42.80	ug/L	89
30) 1,1,1-Trichloroethane	4.609	97	410849	58.38	ug/L	97
31) Carbon tetrachloride	4.828	117	378752	60.25	ug/L	100
33) Benzene	5.098	78	782185	49.83	ug/L	100
34) Trichloroethene	5.915	95	234178	54.43	ug/L	96
35) Methylcyclohexane	6.130	83	325073	49.24	ug/L	93
37) 1,2-Dichloropropane	6.175	63	186021	45.20	ug/L #	96
38) Bromodichloromethane	6.509	83	318936	55.17	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	336418	52.94	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	468536	84.89	ug/L #	94
42) Toluene	7.387	91	906617	53.14	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	337617	52.76	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	216195	53.39	ug/L	95
46) Tetrachloroethene	7.976	164	208243	57.98	ug/L	98
48) 2-Hexanone	8.140	43	393953	93.49	ug/L #	96
49) Dibromochloromethane	8.249	129	278087	58.96	ug/L	99
50) 1,2-Dibromoethane	8.352	107	237476	54.76	ug/L #	96
51) Chlorobenzene	8.882	112	610777	53.33	ug/L	97
52) Ethylbenzene	9.014	91	1013251	52.04	ug/L	98
53) m,p-Xylene	9.140	106	398456	55.02	ug/L	99
54) o-xylene	9.548	106	390250	55.91	ug/L	93
55) Styrene	9.564	104	678783	55.35	ug/L	97
56) Isopropylbenzene	9.934	105	1076693	56.02	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	317174	48.02	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	272607	50.72	ug/L	97
61) Bromoform	9.734	173	223066	56.22	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	552527	51.81	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	561010	50.58	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	553045	52.62	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	80567	45.34	ug/L	88
67) 1,3,5-Trichlorobenzene	12.651	180	439538	53.17	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	372559	53.16	ug/L	99
69) Naphthalene	13.509	128	1003924	50.04	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	374571	53.37	ug/L	98

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

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