

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040521\
 Data File : VV020935.D
 Acq On : 05 Apr 2021 23:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Apr 06 06:29:17 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	5.619	114	608380	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	589975	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	347012	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155680	36.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.08%		
7) Chloroethane-d5	1.571	69	126851	38.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.70%		
11) 1,1-Dichloroethene-d2	2.108	63	338864	41.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.16%		
21) 2-Butanone-d5	3.896	46	231440	82.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.36%		
24) Chloroform-d	4.352	84	413784	48.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.40%		
26) 1,2-Dichloroethane-d4	5.034	65	271514	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.02%		
32) Benzene-d6	5.053	84	731493	46.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.04%		
36) 1,2-Dichloropropane-d6	6.072	67	208718	43.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.46%		
41) Toluene-d8	7.317	98	717375	49.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.02%		
43) trans-1,3-Dichloroprop...	7.622	79	120433	46.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.76%		
47) 2-Hexanone-d5	8.092	63	177086	87.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.49%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	310769	44.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.38%		
64) 1,2-Dichlorobenzene-d4	11.632	152	332241	49.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.66%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	246516	43.25	ug/L	100
3) Chloromethane	1.243	50	155239	34.12	ug/L	94
5) Vinyl chloride	1.311	62	186020	40.02	ug/L	99
6) Bromomethane	1.523	94	131997	45.04	ug/L	99
8) Chloroethane	1.587	64	110565	41.18	ug/L	100
9) Trichlorofluoromethane	1.751	101	404331	50.89	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	191209	50.07	ug/L	92
12) 1,1-Dichloroethene	2.118	96	175106	49.32	ug/L	86
13) Acetone	2.192	43	158556	79.13	ug/L	97
14) Carbon disulfide	2.294	76	474286	40.40	ug/L	99
15) Methyl Acetate	2.439	43	168351	40.24	ug/L #	90
16) Methylene chloride	2.507	84	195965	45.26	ug/L	88
17) trans-1,2-Dichloroethene	2.761	96	189856	46.63	ug/L	94
18) Methyl tert-butyl Ether	2.770	73	623619	49.40	ug/L	97
19) 1,1-Dichloroethane	3.192	63	343313	45.39	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	207994	47.75	ug/L	92
22) 2-Butanone	3.982	43	222535	75.87	ug/L	88
23) Bromochloromethane	4.249	128	121331	51.75	ug/L #	79
25) Chloroform	4.378	83	403403	50.14	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	327794	51.00	ug/L	100
29) Cyclohexane	4.680	56	265938	39.85	ug/L	89
30) 1,1,1-Trichloroethane	4.613	97	401653	55.05	ug/L	97
31) Carbon tetrachloride	4.831	117	357524	54.86	ug/L	98
33) Benzene	5.101	78	756560	46.49	ug/L	100
34) Trichloroethene	5.918	95	217320	48.72	ug/L	93
35) Methylcyclohexane	6.133	83	296462	43.31	ug/L	94
37) 1,2-Dichloropropane	6.175	63	182808	42.84	ug/L	97
38) Bromodichloromethane	6.513	83	302566	50.49	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	307408	46.66	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	468989	81.96	ug/L #	93
42) Toluene	7.391	91	867183	49.03	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	314638	47.43	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	208538	49.67	ug/L	97
46) Tetrachloroethene	7.979	164	193814	52.05	ug/L	97
48) 2-Hexanone	8.143	43	373799	85.57	ug/L #	97
49) Dibromochloromethane	8.249	129	266119	54.42	ug/L	99
50) 1,2-Dibromoethane	8.355	107	225494	50.15	ug/L #	96
51) Chlorobenzene	8.886	112	580633	48.90	ug/L	98
52) Ethylbenzene	9.018	91	982886	48.70	ug/L	98
53) m,p-Xylene	9.143	106	369205	49.18	ug/L	100
54) o-xylene	9.548	106	378696	52.34	ug/L	95
55) Styrene	9.564	104	649397	51.08	ug/L	99
56) Isopropylbenzene	9.937	105	1022774	51.33	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	314948	45.99	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	276841	49.68	ug/L	99
61) Bromoform	9.735	173	208466	52.91	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	507039	47.88	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	506472	45.99	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	518189	49.65	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	79847	45.25	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.651	180	396047	48.25	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	336681	48.37	ug/L	100
69) Naphthalene	13.509	128	967368	48.56	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	339963	48.78	ug/L	98

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

