

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040621\
 Data File : VV020960.D
 Acq On : 06 Apr 2021 20:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Apr 07 02:16:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 07 02:10:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	609211	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	585827	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	350860	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	140101	32.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	64.78%		
7) Chloroethane-d5	1.571	69	120219	36.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.54%		
11) 1,1-Dichloroethene-d2	2.111	63	319992	39.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.42%		
21) 2-Butanone-d5	3.902	46	218093	77.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.51%		
24) Chloroform-d	4.352	84	398802	46.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.78%		
26) 1,2-Dichloroethane-d4	5.034	65	264851	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.54%		
32) Benzene-d6	5.053	84	683215	43.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.50%		
36) 1,2-Dichloropropane-d6	6.072	67	201898	42.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.22%		
41) Toluene-d8	7.320	98	687116	47.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.54%		
43) trans-1,3-Dichloroprop...	7.625	79	121418	47.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.20%		
47) 2-Hexanone-d5	8.091	63	172549	85.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.85%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	303600	43.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.96%		
64) 1,2-Dichlorobenzene-d4	11.632	152	323443	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	245385	42.99	ug/L	98
3) Chloromethane	1.243	50	151148	33.17	ug/L	97
5) Vinyl chloride	1.314	62	177541	38.14	ug/L	99
6) Bromomethane	1.523	94	133743	45.58	ug/L	96
8) Chloroethane	1.587	64	112717	41.92	ug/L	97
9) Trichlorofluoromethane	1.754	101	401035	50.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	191748	50.14	ug/L	93
12) 1,1-Dichloroethene	2.117	96	173694	48.86	ug/L	87
13) Acetone	2.201	43	155727	77.61	ug/L	92
14) Carbon disulfide	2.294	76	460205	39.15	ug/L	100
15) Methyl Acetate	2.439	43	161780	38.62	ug/L #	89
16) Methylene chloride	2.510	84	194341	44.82	ug/L	87
17) trans-1,2-Dichloroethene	2.764	96	185997	45.62	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	621907	49.20	ug/L	97
19) 1,1-Dichloroethane	3.191	63	337445	44.55	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	206783	47.41	ug/L	90
22) 2-Butanone	3.986	43	214487	73.03	ug/L	93
23) Bromochloromethane	4.252	128	119179	50.76	ug/L #	79
25) Chloroform	4.378	83	398277	49.44	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	316233	49.14	ug/L	99
29) Cyclohexane	4.680	56	258878	39.07	ug/L	87
30) 1,1,1-Trichloroethane	4.613	97	400810	55.32	ug/L	97
31) Carbon tetrachloride	4.831	117	355004	54.86	ug/L	98
33) Benzene	5.101	78	746854	46.22	ug/L	100
34) Trichloroethene	5.918	95	218271	49.28	ug/L	93
35) Methylcyclohexane	6.137	83	301791	44.41	ug/L	93
37) 1,2-Dichloropropane	6.178	63	179212	42.29	ug/L #	96
38) Bromodichloromethane	6.513	83	299843	50.39	ug/L #	99
39) cis-1,3-Dichloropropene	7.030	75	314695	48.10	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	451705	79.49	ug/L #	93
42) Toluene	7.391	91	865974	49.31	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	317674	48.23	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	202380	48.55	ug/L	97
46) Tetrachloroethene	7.979	164	198382	53.66	ug/L	97
48) 2-Hexanone	8.143	43	360772	83.17	ug/L #	97
49) Dibromochloromethane	8.249	129	265674	54.71	ug/L	98
50) 1,2-Dibromoethane	8.355	107	226007	50.62	ug/L #	97
51) Chlorobenzene	8.886	112	577475	48.98	ug/L	98
52) Ethylbenzene	9.018	91	980236	48.91	ug/L	99
53) m,p-Xylene	9.143	106	377737	50.67	ug/L	99
54) o-xylene	9.548	106	370736	51.60	ug/L	94
55) Styrene	9.564	104	643512	50.97	ug/L	100
56) Isopropylbenzene	9.937	105	1019449	51.52	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	304147	44.73	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	261105	47.19	ug/L	98
61) Bromoform	9.735	173	204982	51.46	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	507939	47.44	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	511312	45.92	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	521191	49.39	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	76849	43.08	ug/L	87
67) 1,3,5-Trichlorobenzene	12.651	180	399849	48.18	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	336102	47.76	ug/L	99
69) Naphthalene	13.509	128	948943	47.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	345163	48.98	ug/L	97

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

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