

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040821\
 Data File : VV020974.D
 Acq On : 08 Apr 2021 16:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Quant Time: Apr 09 06:32:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 06:30:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	613273	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	593974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	339990	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	156886	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.06%
7) Chloroethane-d5	1.568	69	126753	38.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.02%
11) 1,1-Dichloroethene-d2	2.108	63	342582	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.40%
21) 2-Butanone-d5	3.905	46	198924	70.23	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.23%
24) Chloroform-d	4.349	84	391030	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.034	65	253436	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.92%
32) Benzene-d6	5.050	84	683563	43.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.36%
36) 1,2-Dichloropropane-d6	6.072	67	194659	40.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.10%
41) Toluene-d8	7.317	98	689836	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%
43) trans-1,3-Dichloroprop...	7.625	79	113645	43.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.88%
47) 2-Hexanone-d5	8.091	63	160951	78.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.98%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	277770	39.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.46%
64) 1,2-Dichlorobenzene-d4	11.628	152	319572	48.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	247110	43.01	ug/L	100
3) Chloromethane	1.243	50	158249	34.50	ug/L	95
5) Vinyl chloride	1.310	62	180680	38.56	ug/L	99
6) Bromomethane	1.523	94	142462	48.23	ug/L	97
8) Chloroethane	1.587	64	113914	42.08	ug/L	100
9) Trichlorofluoromethane	1.754	101	421096	52.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	204059	53.01	ug/L	93
12) 1,1-Dichloroethene	2.117	96	178136	49.77	ug/L	83
13) Acetone	2.195	43	202498	100.25	ug/L	96
14) Carbon disulfide	2.294	76	515339	43.55	ug/L	99
15) Methyl Acetate	2.439	43	155540	36.89	ug/L #	85
16) Methylene chloride	2.507	84	204964	46.96	ug/L	88
17) trans-1,2-Dichloroethene	2.761	96	196290	47.83	ug/L	91
18) Methyl tert-butyl Ether	2.770	73	621482	48.84	ug/L	97
19) 1,1-Dichloroethane	3.188	63	339699	44.55	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	211408	48.15	ug/L	94
22) 2-Butanone	3.982	43	239991	81.17	ug/L	89
23) Bromochloromethane	4.249	128	123170	52.11	ug/L #	81
25) Chloroform	4.375	83	402324	49.61	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	316432	48.84	ug/L	99
29) Cyclohexane	4.677	56	277439	41.30	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	405956	55.26	ug/L	97
31) Carbon tetrachloride	4.828	117	369344	56.29	ug/L	98
33) Benzene	5.101	78	763742	46.62	ug/L	100
34) Trichloroethene	5.915	95	232288	51.72	ug/L	93
35) Methylcyclohexane	6.133	83	337166	48.93	ug/L	92
37) 1,2-Dichloropropane	6.175	63	180245	41.95	ug/L #	97
38) Bromodichloromethane	6.513	83	305641	50.66	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	323206	48.73	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	454868	78.95	ug/L #	92
42) Toluene	7.391	91	897810	50.42	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	333225	49.89	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	210426	49.79	ug/L	97
46) Tetrachloroethene	7.979	164	210531	56.16	ug/L	98
48) 2-Hexanone	8.143	43	363960	82.75	ug/L #	93
49) Dibromochloromethane	8.249	129	271619	55.17	ug/L	99
50) 1,2-Dibromoethane	8.355	107	239673	52.95	ug/L	99
51) Chlorobenzene	8.886	112	607038	50.78	ug/L	96
52) Ethylbenzene	9.014	91	1014145	49.91	ug/L	97
53) m,p-Xylene	9.140	106	392390	51.91	ug/L	97
54) o-xylene	9.548	106	382713	52.53	ug/L	96
55) Styrene	9.564	104	669045	52.27	ug/L	98
56) Isopropylbenzene	9.934	105	1071665	53.42	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	303812	44.07	ug/L	96
59) 1,2,3-Trichloropropane	10.278	75	266629	47.52	ug/L	99
61) Bromoform	9.735	173	210550	54.55	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	539054	51.96	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	544366	50.45	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	553416	54.12	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	78447	45.38	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.651	180	437496	54.40	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	357734	52.46	ug/L	97
69) Naphthalene	13.509	128	977105	50.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	363316	53.20	ug/L	98

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

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