

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
 Data File : VV020853.D
 Acq On : 01 Apr 2021 20:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05067

Quant Time: Apr 02 07:21:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	685281	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	682950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	388667	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	182579	37.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.06%
7) Chloroethane-d5	1.571	69	153561	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.50%
11) 1,1-Dichloroethene-d2	2.111	63	399231	43.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.98%
21) 2-Butanone-d5	3.908	46	298073	94.17	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.17%
24) Chloroform-d	4.355	84	487378	50.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.037	65	319007	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.056	84	860410	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
36) 1,2-Dichloropropane-d6	6.076	67	253418	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.320	98	825830	48.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.48%
43) trans-1,3-Dichloroprop...	7.625	79	138533	46.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.18%
47) 2-Hexanone-d5	8.092	63	233003	99.44	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	377010	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.632	152	368084	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	281676	43.87	ug/L	98
3) Chloromethane	1.243	50	191201	37.30	ug/L	97
5) Vinyl chloride	1.310	62	212497	40.59	ug/L	99
6) Bromomethane	1.523	94	152373	46.16	ug/L	99
8) Chloroethane	1.587	64	129717	42.89	ug/L	98
9) Trichlorofluoromethane	1.754	101	432165	48.29	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	207213	48.17	ug/L	95
12) 1,1-Dichloroethene	2.121	96	188445	47.12	ug/L	88
13) Acetone	2.204	43	182727	80.95	ug/L	99
14) Carbon disulfide	2.294	76	539489	40.80	ug/L	99
15) Methyl Acetate	2.442	43	200761	42.61	ug/L	92
16) Methylene chloride	2.510	84	223897	45.91	ug/L	92
17) trans-1,2-Dichloroethene	2.764	96	209850	45.76	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	687508	48.35	ug/L	98
19) 1,1-Dichloroethane	3.195	63	384070	45.08	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	270056	55.04	ug/L	94
22) 2-Butanone	3.989	43	281453	85.19	ug/L	96
23) Bromochloromethane	4.256	128	133967	50.72	ug/L	85
25) Chloroform	4.381	83	443842	48.98	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	350512	48.42	ug/L	98
29) Cyclohexane	4.683	56	316433	40.96	ug/L	92
30) 1,1,1-Trichloroethane	4.613	97	430162	50.93	ug/L	98
31) Carbon tetrachloride	4.834	117	389842	51.68	ug/L	99
33) Benzene	5.105	78	867061	46.03	ug/L	100
34) Trichloroethene	5.918	95	248255	48.08	ug/L	98
35) Methylcyclohexane	6.137	83	349100	44.06	ug/L	96
37) 1,2-Dichloropropane	6.178	63	211732	42.86	ug/L	100
38) Bromodichloromethane	6.513	83	333502	48.07	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	343103	44.99	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	572935	86.49	ug/L	95
42) Toluene	7.391	91	959625	46.87	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	355924	46.35	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	232308	47.80	ug/L	95
46) Tetrachloroethene	7.979	164	210310	48.79	ug/L	99
48) 2-Hexanone	8.143	43	459568	90.88	ug/L	98
49) Dibromochloromethane	8.249	129	284092	50.19	ug/L	100
50) 1,2-Dibromoethane	8.355	107	251185	48.26	ug/L #	99
51) Chlorobenzene	8.886	112	639713	46.55	ug/L	99
52) Ethylbenzene	9.018	91	1089923	46.65	ug/L	100
53) m,p-Xylene	9.143	106	416665	47.94	ug/L	100
54) o-xylene	9.548	106	405597	48.42	ug/L	99
55) Styrene	9.564	104	713322	48.47	ug/L	99
56) Isopropylbenzene	9.937	105	1124843	48.76	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	351253	44.31	ug/L	96
59) 1,2,3-Trichloropropane	10.278	75	304929	47.27	ug/L	99
61) Bromoform	9.738	173	220162	49.89	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	538682	45.42	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	555258	45.01	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	553744	47.37	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	91993	46.55	ug/L	89
67) 1,3,5-Trichlorobenzene	12.651	180	423032	46.01	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	357373	45.84	ug/L	100
69) Naphthalene	13.509	128	1084790	48.62	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	369985	47.40	ug/L	98

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

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