

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111020\
 Data File : VV019312.D
 Acq On : 10 Nov 2020 09:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Nov 11 02:09:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 09 02:16:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	236752	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	234779	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133807	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113371	60.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.52%
7) Chloroethane-d5	1.58	69	88470	60.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.06%
11) 1,1-Dichloroethene-d2	2.12	63	211210	59.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	118.02%
21) 2-Butanone-d5	3.90	46	122213	106.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.05%
24) Chloroform-d	4.37	84	186631	53.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.66%
26) 1,2-Dichloroethane-d4	5.05	65	125513	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.94%
32) Benzene-d6	5.07	84	351866	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
36) 1,2-Dichloropropane-d6	6.09	67	107107	53.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.88%
41) Toluene-d8	7.33	98	330630	51.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.36%
43) trans-1,3-Dichloropropene-	7.64	79	57971	50.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.90%
47) 2-Hexanone-d5	8.10	63	82630	96.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.08%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	138305	51.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.30%
64) 1,2-Dichlorobenzene-d4	11.64	152	131054	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	104173	50.111	ug/L 100
3) Chloromethane	1.25	50	104681	55.451	ug/L 97
5) Vinyl chloride	1.32	62	109931	56.879	ug/L 98
6) Bromomethane	1.53	94	69808	53.921	ug/L 99
8) Chloroethane	1.60	64	69766	58.054	ug/L 99
9) Trichlorofluoromethane	1.76	101	171806	53.334	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91611	59.095	ug/L 95
12) 1,1-Dichloroethene	2.13	96	83808	55.201	ug/L 94
13) Acetone	2.18	43	138601	129.465	ug/L 99
14) Carbon disulfide	2.31	76	235837	48.870	ug/L 100
15) Methyl Acetate	2.44	43	93339	54.101	ug/L 98
16) Methylene chloride	2.52	84	92195	53.478	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	84933	52.085	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	276816	50.696	ug/L 98
19) 1,1-Dichloroethane	3.21	63	166622	54.845	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	90027	50.304	ug/L 95
22) 2-Butanone	3.98	43	142773	122.438	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	48164	50.152	ug/L	92
25) Chloroform	4.40	83	174382	53.117	ug/L	100
27) 1,2-Dichloroethane	5.15	62	141530	50.638	ug/L	100
29) Cyclohexane	4.70	56	136108	51.929	ug/L	96
30) 1,1,1-Trichloroethane	4.63	97	158672	49.873	ug/L	99
31) Carbon tetrachloride	4.85	117	140744	49.888	ug/L	100
33) Benzene	5.12	78	351005	51.853	ug/L	100
34) Trichloroethene	5.93	95	96002	51.770	ug/L	96
35) Methylcyclohexane	6.15	83	129824	51.858	ug/L	97
37) 1,2-Dichloropropane	6.19	63	94059	55.952	ug/L	99
38) Bromodichloromethane	6.53	83	131240	52.480	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	145417	52.370	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	257295	110.948	ug/L	98
42) Toluene	7.41	91	386999	52.150	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	152009	52.626	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	88713	52.618	ug/L	96
46) Tetrachloroethene	7.99	164	76852	48.533	ug/L	97
48) 2-Hexanone	8.15	43	216167	117.273	ug/L	98
49) Dibromochloromethane	8.26	129	104670	51.274	ug/L	99
50) 1,2-Dibromoethane	8.37	107	93047	51.727	ug/L	99
51) Chlorobenzene	8.90	112	247916	50.956	ug/L	98
52) Ethylbenzene	9.03	91	423025	51.734	ug/L	99
53) m,p-Xylene	9.16	106	161048	52.145	ug/L	98
54) o-xylene	9.56	106	153944	51.916	ug/L	100
55) Styrene	9.58	104	285160	54.258	ug/L	100
56) Isopropylbenzene	9.95	105	417927	52.445	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	134637	52.444	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	114670	52.179	ug/L	100
61) Bromoform	9.75	173	79224	47.998	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	211163	50.031	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	214688	48.945	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	206761	49.452	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32000	44.730	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	148546	47.811	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	137398	47.200	ug/L	99
69) Naphthalene	13.52	128	388580	47.659	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	139550	48.988	ug/L	99

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

