

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019765.D
 Acq On : 20 Dec 2020 03:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05099

Quant Time: Dec 21 06:27:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 06:23:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	742858	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	704221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	338032	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	229664	43.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.22%
7) Chloroethane-d5	1.57	69	188592	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.78%
11) 1,1-Dichloroethene-d2	2.11	63	454614	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
21) 2-Butanone-d5	3.89	46	363830	125.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.66%
24) Chloroform-d	4.35	84	452731	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.04	65	304456	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.05	84	877760	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
36) 1,2-Dichloropropane-d6	6.07	67	282143	47.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.90%
41) Toluene-d8	7.32	98	779402	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%
43) trans-1,3-Dichloropropene-	7.62	79	135079	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.72%
47) 2-Hexanone-d5	8.09	63	247043	106.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.99%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	374433	47.05	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.10%
64) 1,2-Dichlorobenzene-d4	11.63	152	290945	46.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	249279	41.581	ug/L 100
3) Chloromethane	1.24	50	287673	45.144	ug/L 100
5) Vinyl chloride	1.31	62	286601	44.839	ug/L 99
6) Bromomethane	1.52	94	167034	43.515	ug/L 99
8) Chloroethane	1.59	64	177261	45.978	ug/L 100
9) Trichlorofluoromethane	1.76	101	352799	45.177	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	195613	45.358	ug/L 98
12) 1,1-Dichloroethene	2.12	96	197831	44.702	ug/L # 78
13) Acetone	2.18	43	253510	102.778	ug/L 100
14) Carbon disulfide	2.30	76	570141	39.208	ug/L 100
15) Methyl Acetate	2.43	43	279250	51.963	ug/L 98
16) Methylene chloride	2.51	84	242534	46.742	ug/L 97
17) trans-1,2-Dichloroethene	2.76	96	217683	44.877	ug/L 99
18) Methyl tert-butyl Ether	2.77	73	757245	44.676	ug/L 99
19) 1,1-Dichloroethane	3.19	63	446703	47.501	ug/L 98
20) cis-1,2-Dichloroethene	3.92	96	242907	45.554	ug/L # 98
22) 2-Butanone	3.97	43	394367	108.998	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	119912	45.704	ug/L	96
25) Chloroform	4.38	83	444146	47.289	ug/L	99
27) 1,2-Dichloroethane	5.14	62	367109	47.181	ug/L	100
29) Cyclohexane	4.68	56	378146	43.813	ug/L	97
30) 1,1,1-Trichloroethane	4.61	97	383211	43.398	ug/L	98
31) Carbon tetrachloride	4.83	117	311812	41.831	ug/L	99
33) Benzene	5.10	78	942246	45.781	ug/L	100
34) Trichloroethene	5.92	95	246199	45.284	ug/L	97
35) Methylcyclohexane	6.14	83	353251	42.769	ug/L	98
37) 1,2-Dichloropropane	6.18	63	255643	47.563	ug/L	100
38) Bromodichloromethane	6.51	83	329597	43.854	ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	383789	42.993	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	781386	100.768	ug/L	97
42) Toluene	7.39	91	978553	45.111	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	371057	41.051	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	234027	45.851	ug/L	99
46) Tetrachloroethene	7.98	164	158691	42.182	ug/L	99
48) 2-Hexanone	8.14	43	600487	102.057	ug/L	97
49) Dibromochloromethane	8.25	129	236127	42.244	ug/L	97
50) 1,2-Dibromoethane	8.36	107	243490	45.302	ug/L	98
51) Chlorobenzene	8.88	112	619815	44.738	ug/L	99
52) Ethylbenzene	9.02	91	1107176	44.798	ug/L	99
53) m,p-Xylene	9.14	106	401294	43.462	ug/L	99
54) o-xylene	9.55	106	398734	44.058	ug/L	100
55) Styrene	9.56	104	705349	44.718	ug/L	100
56) Isopropylbenzene	9.94	105	1064458	44.149	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	381560	46.486	ug/L	100
59) 1,2,3-Trichloropropane	10.28	75	320071	47.876	ug/L	100
61) Bromoform	9.74	173	149638	40.007	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	463150	44.657	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	467298	44.496	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	466605	45.531	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.43	75	92935	43.444	ug/L	94
67) 1,3,5-Trichlorobenzene	12.65	180	330729	45.135	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	304021	44.374	ug/L	100
69) Naphthalene	13.51	128	1046722	43.999	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	299366	44.713	ug/L	100

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

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