

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032720\
 Data File : VV015259.D
 Acq On : 28 Mar 2020 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Mar 30 02:17:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 02:13:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	576859	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	578861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	270122	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122422	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.58	69	135033	53.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.64%
11) 1,1-Dichloroethene-d2	2.12	63	299458	51.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.32%
21) 2-Butanone-d5	3.93	46	312860	112.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.84%
24) Chloroform-d	4.38	84	335953	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
26) 1,2-Dichloroethane-d4	5.06	65	221632	55.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.40%
32) Benzene-d6	5.08	84	537758	52.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.52%
36) 1,2-Dichloropropane-d6	6.09	67	202303	52.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.98%
41) Toluene-d8	7.34	98	480235	53.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.94%
43) trans-1,3-Dichloropropene-	7.64	79	97460	47.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.54%
47) 2-Hexanone-d5	8.11	63	247000	112.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	371133	55.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	245761	53.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	227670	51.965	ug/L 100
3) Chloromethane	1.25	50	257474	51.654	ug/L 97
5) Vinyl chloride	1.32	62	267404	52.101	ug/L 100
6) Bromomethane	1.53	94	161141	48.629	ug/L 97
8) Chloroethane	1.60	64	173851	52.611	ug/L 99
9) Trichlorofluoromethane	1.76	101	454268	55.245	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	224656	51.798	ug/L 100
12) 1,1-Dichloroethene	2.13	96	225465	52.347	ug/L 95
13) Acetone	2.22	43	188077	116.196	ug/L # 100
14) Carbon disulfide	2.31	76	534378	49.916	ug/L 100
15) Methyl Acetate	2.46	43	212782	54.382	ug/L 99
16) Methylene chloride	2.52	84	213503	50.751	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	188691	50.763	ug/L 100
18) Methyl tert-butyl Ether	2.79	73	667852	52.559	ug/L 99
19) 1,1-Dichloroethane	3.21	63	367448	52.984	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	218147	49.118	ug/L # 97
22) 2-Butanone	4.02	43	294139	111.888	ug/L 81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	104729	49.985	ug/L	98
25) Chloroform	4.41	83	390061	52.689	ug/L	96
27) 1,2-Dichloroethane	5.16	62	307230	53.798	ug/L	99
29) Cyclohexane	4.70	56	331920	52.348	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	352029	50.833	ug/L	98
31) Carbon tetrachloride	4.86	117	293201	50.348	ug/L	99
33) Benzene	5.13	78	832202	51.282	ug/L	100
34) Trichloroethene	5.94	95	213687	49.156	ug/L	98
35) Methylcyclohexane	6.15	83	326937	49.246	ug/L	98
37) 1,2-Dichloropropane	6.20	63	214640	52.740	ug/L	100
38) Bromodichloromethane	6.53	83	301875	50.477	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	316365	46.495	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	621541	103.770	ug/L	100
42) Toluene	7.41	91	938558	52.329	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	311414	47.362	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	214335	52.079	ug/L	98
46) Tetrachloroethene	8.00	164	141162	50.187	ug/L	99
48) 2-Hexanone	8.16	43	497646	108.747	ug/L	99
49) Dibromochloromethane	8.27	129	230388	51.709	ug/L	100
50) 1,2-Dibromoethane	8.38	107	229163	52.139	ug/L	98
51) Chlorobenzene	8.90	112	606176	51.904	ug/L	100
52) Ethylbenzene	9.03	91	1069586	52.688	ug/L	99
53) m,p-Xylene	9.16	106	407519	52.179	ug/L	98
54) o-xylene	9.57	106	398300	51.201	ug/L	99
55) Styrene	9.58	104	687802	52.473	ug/L	100
56) Isopropylbenzene	9.95	105	1055208	52.868	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	357339	52.834	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	288269	52.312	ug/L	100
61) Bromoform	9.75	173	146705	51.522	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	435388	51.780	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	433826	51.338	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	441858	51.259	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	94555	52.622	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	268440	50.290	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	250388	50.437	ug/L	100
69) Naphthalene	13.53	128	1050068	52.470	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	265853	52.224	ug/L	99

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

