

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040320\
 Data File : VV015404.D
 Acq On : 03 Apr 2020 19:20
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05095

Quant Time: Apr 04 00:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 00:09:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	781207	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	757346	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	379608	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	267068	38.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.26%
7) Chloroethane-d5	1.58	69	228224	38.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.28%
11) 1,1-Dichloroethene-d2	2.12	63	530060	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.68%
21) 2-Butanone-d5	3.93	46	338456	90.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.91%
24) Chloroform-d	4.38	84	478220	41.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.70%
26) 1,2-Dichloroethane-d4	5.06	65	292780	40.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.28%
32) Benzene-d6	5.07	84	941879	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.76%
36) 1,2-Dichloropropane-d6	6.10	67	279026	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.16%
41) Toluene-d8	7.34	98	915261	41.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.08%
43) trans-1,3-Dichloropropene-	7.64	79	150630	39.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.28%
47) 2-Hexanone-d5	8.11	63	257195	81.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	418945	42.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	354237	41.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.04%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	318110	45.028	ug/L 98
3) Chloromethane	1.25	50	296235	44.494	ug/L 99
5) Vinyl chloride	1.32	62	344978	49.468	ug/L 99
6) Bromomethane	1.53	94	215019	46.642	ug/L 99
8) Chloroethane	1.60	64	190900	39.847	ug/L 98
9) Trichlorofluoromethane	1.76	101	506223	38.394	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	268392	45.552	ug/L 98
12) 1,1-Dichloroethene	2.13	96	255425	45.681	ug/L 93
13) Acetone	2.22	43	216574	88.623	ug/L 99
14) Carbon disulfide	2.31	76	641934	41.512	ug/L 100
15) Methyl Acetate	2.46	43	245499	45.870	ug/L 98
16) Methylene chloride	2.52	84	265667	44.929	ug/L 97
17) trans-1,2-Dichloroethene	2.78	96	248951	46.642	ug/L 94
18) Methyl tert-butyl Ether	2.79	73	823313	46.791	ug/L 98
19) 1,1-Dichloroethane	3.21	63	439031	45.208	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	280302	45.895	ug/L # 94
22) 2-Butanone	4.02	43	355266	98.265	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	148814	48.245	ug/L	92
25) Chloroform	4.40	83	476123	45.212	ug/L	96
27) 1,2-Dichloroethane	5.16	62	354275	44.666	ug/L	99
29) Cyclohexane	4.70	56	403524	44.783	ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	440938	45.308	ug/L	99
31) Carbon tetrachloride	4.85	117	386081	46.401	ug/L	99
33) Benzene	5.13	78	1022953	45.635	ug/L	100
34) Trichloroethene	5.94	95	270462	45.567	ug/L	95
35) Methylcyclohexane	6.15	83	452650	46.549	ug/L	97
37) 1,2-Dichloropropane	6.20	63	247739	45.030	ug/L	99
38) Bromodichloromethane	6.53	83	360210	44.660	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	423696	45.827	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	707230	91.442	ug/L	99
42) Toluene	7.41	91	1149246	46.132	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	406704	45.270	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	266120	45.870	ug/L	99
46) Tetrachloroethene	8.00	164	204464	48.051	ug/L	97
48) 2-Hexanone	8.16	43	542555	92.639	ug/L	98
49) Dibromochloromethane	8.27	129	296960	46.740	ug/L	99
50) 1,2-Dibromoethane	8.37	107	295495	47.714	ug/L	99
51) Chlorobenzene	8.90	112	763635	46.770	ug/L	98
52) Ethylbenzene	9.04	91	1282860	45.879	ug/L	99
53) m,p-Xylene	9.16	106	512590	47.607	ug/L	99
54) o-xylene	9.57	106	510203	47.305	ug/L	98
55) Styrene	9.58	104	861081	48.012	ug/L	98
56) Isopropylbenzene	9.95	105	1310890	46.922	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	422238	45.333	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	345101	46.455	ug/L	99
61) Bromoform	9.75	173	187346	44.183	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	591868	46.313	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	593074	45.758	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	588356	45.138	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	107800	41.883	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	397597	46.945	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	361108	46.677	ug/L	99
69) Naphthalene	13.53	128	1591434	53.808	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	373755	46.901	ug/L	99

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

