

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031020\
 Data File : VV014829.D
 Acq On : 11 Mar 2020 02:18
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Mar 11 03:53:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 11 03:49:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	441756	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	430766	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	223910	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110172	36.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.70%
7) Chloroethane-d5	1.58	69	95109	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.48%
11) 1,1-Dichloroethene-d2	2.12	63	196191	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
21) 2-Butanone-d5	3.93	46	178220	79.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.93%
24) Chloroform-d	4.38	84	261445	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.06	65	164598	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
32) Benzene-d6	5.08	84	514988	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.56%
36) 1,2-Dichloropropane-d6	6.10	67	159631	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.68%
41) Toluene-d8	7.34	98	505301	45.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.72%
43) trans-1,3-Dichloropropene-	7.64	79	78142	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.90%
47) 2-Hexanone-d5	8.12	63	164231	98.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	236940	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	215798	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	190524	43.639	ug/L 99
3) Chloromethane	1.25	50	159717	41.535	ug/L 99
5) Vinyl chloride	1.32	62	152792	42.877	ug/L 98
6) Bromomethane	1.53	94	92830	41.973	ug/L 100
8) Chloroethane	1.60	64	85753	44.768	ug/L 100
9) Trichlorofluoromethane	1.76	101	216268	45.388	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105412	42.973	ug/L 98
12) 1,1-Dichloroethene	2.13	96	107544	44.814	ug/L 94
13) Acetone	2.20	43	93461	50.206	ug/L 97
14) Carbon disulfide	2.31	76	327273	41.249	ug/L 100
15) Methyl Acetate	2.45	43	122992	35.167	ug/L 92
16) Methylene chloride	2.52	84	150151	46.070	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	137657	46.434	ug/L 93
18) Methyl tert-butyl Ether	2.79	73	445927	45.944	ug/L 97
19) 1,1-Dichloroethane	3.21	63	253984	43.863	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	155994	47.047	ug/L 93
22) 2-Butanone	4.01	43	180327	73.432	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	79845	47.301	ug/L	90
25) Chloroform	4.41	83	266931	44.498	ug/L	96
27) 1,2-Dichloroethane	5.16	62	203632	43.799	ug/L	97
29) Cyclohexane	4.70	56	227651	43.374	ug/L	91
30) 1,1,1-Trichloroethane	4.64	97	236634	47.381	ug/L	98
31) Carbon tetrachloride	4.86	117	206801	48.757	ug/L	99
33) Benzene	5.13	78	582249	46.657	ug/L	100
34) Trichloroethene	5.94	95	146615	44.956	ug/L	93
35) Methylcyclohexane	6.15	83	240779	44.725	ug/L	93
37) 1,2-Dichloropropane	6.20	63	142285	42.192	ug/L #	97
38) Bromodichloromethane	6.53	83	193772	45.170	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	232208	43.930	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	419644	85.870	ug/L #	94
42) Toluene	7.41	91	644131	46.786	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	208833	43.339	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	148432	47.791	ug/L	96
46) Tetrachloroethene	8.00	164	129642	48.586	ug/L	95
48) 2-Hexanone	8.16	43	326487	84.944	ug/L #	94
49) Dibromochloromethane	8.27	129	159076	46.992	ug/L	99
50) 1,2-Dibromoethane	8.37	107	159790	47.596	ug/L	100
51) Chlorobenzene	8.90	112	423461	47.804	ug/L	96
52) Ethylbenzene	9.03	91	728113	46.943	ug/L	99
53) m,p-Xylene	9.16	106	280172	48.133	ug/L	97
54) o-xylene	9.56	106	281489	49.230	ug/L	96
55) Styrene	9.58	104	479290	49.020	ug/L	98
56) Isopropylbenzene	9.95	105	725588	47.381	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	243936	45.599	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	193869	45.015	ug/L	99
61) Bromoform	9.75	173	110563	45.515	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	348062	48.070	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	351293	48.156	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	353535	49.043	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	55894	45.685	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	261235	46.650	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	234560	45.572	ug/L	99
69) Naphthalene	13.52	128	370502	47.816	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	245541	47.860	ug/L	98

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

