

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017746.D
 Acq On : 30 Jul 2020 12:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Jul 31 02:25:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:23:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355978	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333626	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	185611	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80585	46.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.84%
7) Chloroethane-d5	1.58	69	66671	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.96%
11) 1,1-Dichloroethene-d2	2.12	63	196172	47.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.06%
21) 2-Butanone-d5	3.91	46	128246	98.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.25%
24) Chloroform-d	4.37	84	223991	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
26) 1,2-Dichloroethane-d4	5.05	65	161197	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
32) Benzene-d6	5.07	84	383950	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
36) 1,2-Dichloropropane-d6	6.09	67	106475	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.34	98	377086	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloropropene-	7.64	79	68322	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.84%
47) 2-Hexanone-d5	8.11	63	96027	102.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	154535	46.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	174496	47.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.78%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	168259	47.084	ug/L 100
3) Chloromethane	1.25	50	110032	46.142	ug/L 99
5) Vinyl chloride	1.32	62	117642	46.585	ug/L 100
6) Bromomethane	1.53	94	73918	49.211	ug/L 100
8) Chloroethane	1.59	64	69167	45.246	ug/L 97
9) Trichlorofluoromethane	1.76	101	241390	48.667	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110555	48.174	ug/L 97
12) 1,1-Dichloroethene	2.13	96	102313	47.755	ug/L 92
13) Acetone	2.19	43	145860	87.988	ug/L 99
14) Carbon disulfide	2.31	76	310023	46.960	ug/L 100
15) Methyl Acetate	2.44	43	102450	47.520	ug/L 100
16) Methylene chloride	2.52	84	119189	47.179	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	110817	45.872	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	391204	49.266	ug/L 100
19) 1,1-Dichloroethane	3.21	63	198306	47.041	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	121911	47.245	ug/L 99
22) 2-Butanone	3.99	43	153879	99.933	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	69306	47.541	ug/L	99
25) Chloroform	4.40	83	231771	47.441	ug/L	98
27) 1,2-Dichloroethane	5.15	62	207756	47.925	ug/L	98
29) Cyclohexane	4.70	56	169327	50.101	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	229489	47.712	ug/L	100
31) Carbon tetrachloride	4.86	117	213436	48.685	ug/L	99
33) Benzene	5.12	78	437573	48.357	ug/L	100
34) Trichloroethene	5.94	95	124206	48.296	ug/L	99
35) Methylcyclohexane	6.15	83	186779	49.508	ug/L	98
37) 1,2-Dichloropropane	6.20	63	105140	50.693	ug/L	99
38) Bromodichloromethane	6.53	83	177305	48.066	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	187495	49.231	ug/L	96
40) 4-Methyl-2-pentanone	7.24	43	281477	99.576	ug/L	100
42) Toluene	7.41	91	494764	49.220	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	204068	52.210	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	116905	49.491	ug/L	99
46) Tetrachloroethene	8.00	164	111159	48.785	ug/L	97
48) 2-Hexanone	8.16	43	228778	99.476	ug/L	98
49) Dibromochloromethane	8.27	129	150778	48.801	ug/L	98
50) 1,2-Dibromoethane	8.37	107	127992	49.762	ug/L	100
51) Chlorobenzene	8.90	112	333874	48.411	ug/L	99
52) Ethylbenzene	9.03	91	572897	49.745	ug/L	99
53) m,p-Xylene	9.16	106	218548	49.502	ug/L	96
54) o-xylene	9.56	106	212293	49.690	ug/L	99
55) Styrene	9.58	104	370312	49.831	ug/L	98
56) Isopropylbenzene	9.95	105	585173	50.042	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	166751	48.501	ug/L	99
59) 1,2,3-Trichloropropane	10.29	75	145314	48.145	ug/L	97
61) Bromoform	9.75	173	112613	49.114	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	289606	48.825	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	287085	47.634	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	292377	49.029	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	47386	50.849	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	231946	50.007	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	212439	52.773	ug/L	99
69) Naphthalene	13.52	128	573049	53.962	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	208204	52.149	ug/L	99

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

