

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019513.D
 Acq On : 10 Dec 2020 16:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:34 AM

Quant Time: Dec 11 02:27:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 15:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	742237	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	694271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	341474	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	255847	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.57	69	207098	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.66%
11) 1,1-Dichloroethene-d2	2.11	63	494680	50.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.16%
21) 2-Butanone-d5	3.89	46	298954	103.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.34%
24) Chloroform-d	4.35	84	480968	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.28%
26) 1,2-Dichloroethane-d4	5.04	65	318329	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.05	84	922087	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.07	67	289252	49.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.74%
41) Toluene-d8	7.32	98	837803	50.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.50%
43) trans-1,3-Dichloropropene-	7.62	79	164620	49.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.80%
47) 2-Hexanone-d5	8.09	63	229794	100.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	392946	50.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.16%
64) 1,2-Dichlorobenzene-d4	11.63	152	316857	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	314813	52.557	ug/L	99
3) Chloromethane	1.24	50	311022	48.849	ug/L	100
5) Vinyl chloride	1.31	62	317277	49.680	ug/L	100
6) Bromomethane	1.52	94	195508	50.976	ug/L	99
8) Chloroethane	1.59	64	192161	49.884	ug/L	99
9) Trichlorofluoromethane	1.76	101	404984	51.903	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	232371	53.926	ug/L	100
12) 1,1-Dichloroethene	2.12	96	225526m	51.003	ug/L	
13) Acetone	2.19	43	242683	98.471	ug/L	98
14) Carbon disulfide	2.30	76	734352	50.543	ug/L	100
15) Methyl Acetate	2.43	43	273257	50.891	ug/L	99
16) Methylene chloride	2.51	84	255678	49.317	ug/L	99
17) trans-1,2-Dichloroethene	2.76	96	247966	51.163	ug/L	100
18) Methyl tert-butyl Ether	2.77	73	849247	50.146	ug/L	100
19) 1,1-Dichloroethane	3.19	63	471748	50.206	ug/L	99
20) cis-1,2-Dichloroethene	3.91	96	267519	50.211	ug/L	99
22) 2-Butanone	3.97	43	378363	104.662	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.25	128	132536	50.558	ug/L	98
25) Chloroform	4.38	83	471822	50.278	ug/L	99
27) 1,2-Dichloroethane	5.13	62	394100	50.692	ug/L	99
29) Cyclohexane	4.68	56	448635	52.724	ug/L	100
30) 1,1,1-Trichloroethane	4.61	97	435352	50.010	ug/L	100
31) Carbon tetrachloride	4.83	117	373670	50.848	ug/L	100
33) Benzene	5.10	78	1016466	50.095	ug/L	100
34) Trichloroethene	5.92	95	272360	50.813	ug/L	98
35) Methylcyclohexane	6.14	83	438366	53.835	ug/L	100
37) 1,2-Dichloropropane	6.18	63	267069	50.401	ug/L	100
38) Bromodichloromethane	6.51	83	368827	49.777	ug/L	99
39) cis-1,3-Dichloropropene	7.03	75	460158	52.287	ug/L	99
40) 4-Methyl-2-pentanone	7.23	43	766737	100.296	ug/L	100
42) Toluene	7.39	91	1078684	50.440	ug/L	100
44) trans-1,3-Dichloropropene	7.65	75	450942	50.604	ug/L	98
45) 1,1,2-Trichloroethane	7.84	97	249975	49.678	ug/L	98
46) Tetrachloroethene	7.98	164	189067	50.977	ug/L	96
48) 2-Hexanone	8.14	43	591741	102.012	ug/L	97
49) Dibromochloromethane	8.25	129	278450	50.529	ug/L	100
50) 1,2-Dibromoethane	8.35	107	266719	50.335	ug/L	99
51) Chlorobenzene	8.88	112	691830	50.652	ug/L	100
52) Ethylbenzene	9.02	91	1243875	51.051	ug/L	100
53) m,p-Xylene	9.14	106	465700	51.160	ug/L	99
54) o-xylene	9.55	106	454870	50.981	ug/L	99
55) Styrene	9.56	104	797579	51.290	ug/L	100
56) Isopropylbenzene	9.94	105	1230168	51.754	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.24	83	397162	49.080	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	327612	49.706	ug/L	99
61) Bromoform	9.74	173	187372	49.591	ug/L	99
62) 1,3-Dichlorobenzene	11.18	146	535489	51.112	ug/L	99
63) 1,4-Dichlorobenzene	11.28	146	537206	50.637	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	523270	50.546	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.43	75	106106	49.101	ug/L	98
67) 1,3,5-Trichlorobenzene	12.65	180	383267	51.778	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	359970	52.011	ug/L	100
69) Naphthalene	13.50	128	1245077	51.809	ug/L	100
70) 1,2,3-Trichlorobenzene	13.75	180	351724	52.003	ug/L	100

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

