

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028538.D
 Acq On : 07 Dec 2018 18:05
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05060

Quant Time: Dec 11 01:41:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 00:46:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	159036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	72150	48.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.16%
7) Chloroethane-d5	1.68	69	54774	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.27	63	128516	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.14%
21) 2-Butanone-d5	4.17	46	122689	102.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.86%
24) Chloroform-d	4.65	84	121890	51.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.70%
26) 1,2-Dichloroethane-d4	5.31	65	80389	51.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.74%
32) Benzene-d6	5.34	84	245747	51.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.58%
36) 1,2-Dichloropropane-d6	6.33	67	90473	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.56	98	220404	50.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.88%
43) trans-1,3-Dichloropropene-	7.85	79	41166	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.60%
47) 2-Hexanone-d5	8.31	63	86750	104.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	115357	51.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	80248	51.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	64997	49.071 ug/L	97
3) Chloromethane	1.33	50	102098	50.129 ug/L	99
5) Vinyl chloride	1.40	62	86217	48.907 ug/L	99
6) Bromomethane	1.63	94	28185	53.268 ug/L	98
8) Chloroethane	1.70	64	50179	49.672 ug/L	99
9) Trichlorofluoromethane	1.89	101	92413	50.202 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	55754	50.432 ug/L	98
12) 1,1-Dichloroethene	2.28	96	52311	49.931 ug/L	95
13) Acetone	2.32	43	91477	68.597 ug/L	99
14) Carbon disulfide	2.48	76	188109	48.400 ug/L	100
15) Methyl Acetate	2.61	43	91263	49.108 ug/L	100
16) Methylene chloride	2.70	84	68324	49.882 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	58682	48.306 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	208158	50.866 ug/L	99
19) 1,1-Dichloroethane	3.44	63	128768	50.004 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	69613	50.526 ug/L	99
22) 2-Butanone	4.26	43	131242	83.366 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	30327	49.295	ug/L	95
25) Chloroform	4.67	83	119404	50.351	ug/L	100
27) 1,2-Dichloroethane	5.40	62	98296	50.147	ug/L	100
29) Cyclohexane	5.00	56	126759	49.978	ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	94195	49.509	ug/L	98
31) Carbon tetrachloride	5.13	117	75127	48.808	ug/L	98
33) Benzene	5.39	78	273997	50.122	ug/L	100
34) Trichloroethene	6.18	95	64822	48.820	ug/L	96
35) Methylcyclohexane	6.41	83	113288	50.608	ug/L	99
37) 1,2-Dichloropropane	6.43	63	82663	50.584	ug/L	100
38) Bromodichloromethane	6.76	83	89484	49.792	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	117815	50.798	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	247083	99.292	ug/L	100
42) Toluene	7.64	91	276747	49.834	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	108668	50.797	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	64147	50.093	ug/L	98
46) Tetrachloroethene	8.23	164	46457	49.448	ug/L	98
48) 2-Hexanone	8.36	43	190546	90.494	ug/L	99
49) Dibromochloromethane	8.48	129	65045	50.213	ug/L	95
50) 1,2-Dibromoethane	8.58	107	67987	50.623	ug/L	99
51) Chlorobenzene	9.12	112	169640	50.706	ug/L	97
52) Ethylbenzene	9.25	91	307676	50.045	ug/L	100
53) m,p-Xylene	9.37	106	111716	50.196	ug/L	99
54) o-xylene	9.78	106	110062	50.361	ug/L	96
55) Styrene	9.79	104	191508	51.610	ug/L	99
56) Isopropylbenzene	10.16	105	290017	50.910	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	117049	49.765	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	91568	49.591	ug/L	100
61) Bromoform	9.96	173	45378	46.475	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	127376	48.913	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	129969	49.319	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	128166	49.259	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	23534	45.939	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	97376	51.490	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	91209	51.419	ug/L	98
69) Naphthalene	13.74	128	302111	51.314	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	90676	51.175	ug/L	99

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

