

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102619\
 Data File : VU035514.D
 Acq On : 26 Oct 2019 13:15
 Operator : JC/SP
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20033

Quant Time: Oct 30 00:28:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 01:21:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	633722	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	638922	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	318865	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	1000925	186.92	ug/L	0.00
7) Chloroethane-d5	1.92	69	798994	178.06	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.59	63	1670000	187.76	ug/L	0.00
21) 2-Butanone-d5	4.69	46	1417713	397.98	ug/L	0.00
24) Chloroform-d	5.11	84	1615698	185.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	1015246	178.68	ug/L	0.00
32) Benzene-d6	5.77	84	3340594	183.64	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	1097334	187.78	ug/L	0.00
41) Toluene-d8	7.93	98	3153518	184.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	560896	189.22	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	1032208	408.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	1611884	187.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	1174934	163.47	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	1080153	206.138	ug/L	99
3) Chloromethane	1.53	50	1146283	209.649	ug/L	99
5) Vinyl chloride	1.62	62	1261835	223.586	ug/L	98
6) Bromomethane	1.85	94	594344	185.846	ug/L	99
8) Chloroethane	1.94	64	721898	209.332	ug/L	99
9) Trichlorofluoromethane	2.15	101	1392872	199.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	808269	198.911	ug/L	100
12) 1,1-Dichloroethene	2.60	96	802581	203.827	ug/L	94
13) Acetone	2.67	43	1242870	381.245	ug/L	100
14) Carbon disulfide	2.82	76	2570914	205.377	ug/L	99
15) Methyl Acetate	2.99	43	1090226	219.995	ug/L	100
16) Methylene chloride	3.08	84	968380	205.465	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	869602	205.852	ug/L	98
18) Methyl tert-butyl Ether	3.42	73	2837618	212.611	ug/L	99
19) 1,1-Dichloroethane	3.92	63	1727278	211.937	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	1002414	209.076	ug/L	100
22) 2-Butanone	4.77	43	1750288	438.418	ug/L	100
23) Bromochloromethane	5.02	128	480945	199.723	ug/L	98
25) Chloroform	5.14	83	1660422	199.265	ug/L	100
27) 1,2-Dichloroethane	5.84	62	1297798	201.508	ug/L	100
29) Cyclohexane	5.43	56	1547730	214.292	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	1386374	196.080	ug/L	99
31) Carbon tetrachloride	5.57	117	1225289	198.321	ug/L	99
33) Benzene	5.82	78	3776841	204.818	ug/L	100
34) Trichloroethene	6.58	95	932882	199.357	ug/L	99
35) Methylcyclohexane	6.80	83	1425374	200.067	ug/L	97
37) 1,2-Dichloropropane	6.83	63	1025255	213.294	ug/L	100
38) Bromodichloromethane	7.15	83	1300487	204.432	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	1730727	225.261	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	3130765	444.225	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	4052490	202.342	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	1546224	216.570	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	939745	200.559	ug/L	99
46) Tetrachloroethene	8.58	164	734721	195.033	ug/L	99
48) 2-Hexanone	8.73	43	2523779	423.016	ug/L	99
49) Dibromochloromethane	8.84	129	1077775	207.315	ug/L	99
50) 1,2-Dibromoethane	8.96	107	1042107	202.722	ug/L	99
51) Chlorobenzene	9.48	112	2639018	202.813	ug/L	98
52) Ethylbenzene	9.60	91	4623746	208.554	ug/L	99
53) m,p-Xylene	9.72	106	1738700	211.342	ug/L	100
54) o-xylene	10.13	106	1724192	212.975	ug/L	99
55) Styrene	10.14	104	2967920	224.999	ug/L	99
56) Isopropylbenzene	10.51	105	4456720	213.932	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	1753714	214.251	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	1385760	213.211	ug/L	99
61) Bromoform	10.32	173	860446	188.120	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	2024845	195.559	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	2015682	194.147	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	1985386	191.947	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	351952	214.226	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	1198560	211.455	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	940447	254.720	ug/L	97
69) Naphthalene	14.11	128	3013497	294.995	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	908005	237.580	ug/L	99

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

