

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035513.D
 Acq On : 26 Oct 2019 12:52
 Operator : JC/SP
 Sample : VSTD10032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10032

Quant Time: Oct 30 00:27:51 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	612560	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	616041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	289303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	483724	93.46	ug/L	0.00
7) Chloroethane-d5	1.93	69	399131	92.02	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	817315	95.06	ug/L	0.00
21) 2-Butanone-d5	4.69	46	660024	191.68	ug/L	0.00
24) Chloroform-d	5.11	84	805461	95.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	499248	90.90	ug/L	0.00
32) Benzene-d6	5.77	84	1652129	94.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	536076	95.14	ug/L	0.00
41) Toluene-d8	7.93	98	1544133	93.70	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	262750	91.93	ug/L	0.00
47) 2-Hexanone-d5	8.68	63	447203	183.36	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	755371	91.01	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	541023	82.96	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.40	85	513518	101.386	ug/L	100
3) Chloromethane	1.54	50	546511	103.407	ug/L	99
5) Vinyl chloride	1.62	62	603903	110.703	ug/L	99
6) Bromomethane	1.87	94	284604	92.067	ug/L	98
8) Chloroethane	1.95	64	352551	105.763	ug/L	99
9) Trichlorofluoromethane	2.16	101	684019	101.332	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	398996	101.583	ug/L	100
12) 1,1-Dichloroethene	2.61	96	386092	101.441	ug/L	97
13) Acetone	2.67	43	623713	197.931	ug/L	99
14) Carbon disulfide	2.82	76	1245436	102.929	ug/L	100
15) Methyl Acetate	2.99	43	522955	109.172	ug/L	100
16) Methylene chloride	3.08	84	476111	104.508	ug/L	98
17) trans-1,2-Dichloroethene	3.40	96	416052	101.890	ug/L	98
18) Methyl tert-butyl Ether	3.42	73	1353559	104.920	ug/L	99
19) 1,1-Dichloroethane	3.92	63	838097	106.387	ug/L	99
20) cis-1,2-Dichloroethene	4.72	96	478830	103.321	ug/L	99
22) 2-Butanone	4.77	43	829817	215.036	ug/L	99
23) Bromochloromethane	5.03	128	239641	102.954	ug/L	98
25) Chloroform	5.14	83	818518	101.623	ug/L	99
27) 1,2-Dichloroethane	5.84	62	641086	102.980	ug/L	100
29) Cyclohexane	5.43	56	735387	105.600	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	675786	99.129	ug/L	99
31) Carbon tetrachloride	5.57	117	603637	101.331	ug/L	98
33) Benzene	5.82	78	1852666	104.202	ug/L	100
34) Trichloroethene	6.58	95	448549	99.415	ug/L	99
35) Methylcyclohexane	6.80	83	687522	100.085	ug/L	96
37) 1,2-Dichloropropane	6.83	63	499830	107.847	ug/L	100
38) Bromodichloromethane	7.14	83	621530	101.331	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	811453	109.537	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	1433797	210.998	ug/L	99

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42) Toluene	8.00	91	1968816	101.955	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	714249	103.756	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	448968	99.377	ug/L	97
46) Tetrachloroethene	8.59	164	352060	96.926	ug/L	99
48) 2-Hexanone	8.73	43	1160960	201.818	ug/L	99
49) Dibromochloromethane	8.84	129	511332	102.010	ug/L	99
50) 1,2-Dibromoethane	8.96	107	493455	99.558	ug/L	99
51) Chlorobenzene	9.48	112	1243978	99.153	ug/L	98
52) Ethylbenzene	9.60	91	2173346	101.670	ug/L	100
53) m,p-Xylene	9.72	106	817221	103.024	ug/L	100
54) o-xylene	10.13	106	803990	102.999	ug/L	100
55) Styrene	10.14	104	1353515	106.422	ug/L	99
56) Isopropylbenzene	10.51	105	2047763	101.948	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	816289	103.430	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	645736	103.042	ug/L	100
61) Bromoform	10.32	173	386357	93.101	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	902839	96.106	ug/L	100
63) 1,4-Dichlorobenzene	11.86	146	899369	95.478	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	904713	96.405	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	150711	101.108	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	520687	101.248	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	353387	105.495	ug/L	98
69) Naphthalene	14.11	128	1031779	111.323	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	356965	102.944	ug/L	99

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

