

Data File : VU033629.D
Acq On : 08 Aug 2019 11:40
Operator : JC/SP
Sample : VSTD01032
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01032

Quant Time: Aug 08 15:27:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 08 15:24:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279074	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283587	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	141592	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	31114	15.09	ug/L	0.00
7) Chloroethane-d5	1.67	69	26875	12.13	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	50658	13.28	ug/L	0.00
21) 2-Butanone-d5	4.15	46	42814	26.16	ug/L	0.00
24) Chloroform-d	4.62	84	52854	14.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	33662	13.96	ug/L	0.00
32) Benzene-d6	5.32	84	102945	13.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	33205	13.42	ug/L	0.00
41) Toluene-d8	7.55	98	92374	12.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	14933	12.07	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	27159	22.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	49327	13.03	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	38453	13.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	25946	10.782	ug/L	98
3) Chloromethane	1.32	50	28493	10.925	ug/L	99
5) Vinyl chloride	1.40	62	30983	10.791	ug/L	100
6) Bromomethane	1.62	94	19589	9.063	ug/L	89
8) Chloroethane	1.69	64	19702	8.768	ug/L	97
9) Trichlorofluoromethane	1.88	101	41775	11.189	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	21385	11.234	ug/L	98
12) 1,1-Dichloroethene	2.27	96	20226	11.003	ug/L	85
13) Acetone	2.31	43	33990	22.923	ug/L	99
14) Carbon disulfide	2.46	76	60695	10.674	ug/L	100
15) Methyl Acetate	2.60	43	26145	10.915	ug/L	100
16) Methylene chloride	2.68	84	24580	11.427	ug/L	99
17) trans-1,2-Dichloroethene	2.97	96	20752	10.563	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	62856	10.323	ug/L	100
19) 1,1-Dichloroethane	3.42	63	41084	11.043	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	23617	10.874	ug/L	92
22) 2-Butanone	4.24	43	37626	20.424	ug/L	98
23) Bromochloromethane	4.53	128	12356	10.873	ug/L	97
25) Chloroform	4.65	83	43792	11.347	ug/L	98
27) 1,2-Dichloroethane	5.39	62	33608	11.198	ug/L	97
29) Cyclohexane	4.97	56	29837	9.215	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	36244	10.732	ug/L	99
31) Carbon tetrachloride	5.11	117	31216	10.511	ug/L	100
33) Benzene	5.37	78	90115	10.547	ug/L	100
34) Trichloroethene	6.17	95	22707	10.313	ug/L	98
35) Methylcyclohexane	6.40	83	32052	9.285	ug/L	97
37) 1,2-Dichloropropane	6.41	63	24307	10.406	ug/L	99
38) Bromodichloromethane	6.74	83	31759	10.773	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	31066	8.728	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	63651	18.979	ug/L	99

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42) Toluene	7.62	91	93596	10.253	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	31804	9.896	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	23224	10.593	ug/L	98
46) Tetrachloroethene	8.21	164	18289	10.160	ug/L	98
48) 2-Hexanone	8.35	43	53052	19.704	ug/L	98
49) Dibromochloromethane	8.46	129	26075	10.573	ug/L	99
50) 1,2-Dibromoethane	8.57	107	24833	10.334	ug/L #	95
51) Chlorobenzene	9.10	112	62061	10.407	ug/L	99
52) Ethylbenzene	9.23	91	96029	9.704	ug/L	99
53) m,p-Xylene	9.36	106	35074	9.306	ug/L	95
54) o-xylene	9.76	106	35749	9.701	ug/L	97
55) Styrene	9.78	104	59555	9.474	ug/L	99
56) Isopropylbenzene	10.15	105	89157	9.360	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	41946	10.738	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	32157	10.469	ug/L	100
61) Bromoform	9.94	173	18761	10.510	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	47904	10.663	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	49884	10.864	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	48002	10.664	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	8634	10.228	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	34754	10.094	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	26374	8.987	ug/L	95
69) Naphthalene	13.73	128	66920	7.835	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	27377	8.756	ug/L	98

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

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