

Data File : VU036350.D
Acq On : 27 Dec 2019 12:16
Operator : JC/MD
Sample : VSTD00532
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00532

Quant Time: Dec 27 13:48:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 13:46:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	451852	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	422369	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	175468	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	20687	4.44	ug/L	0.00
7) Chloroethane-d5	1.93	69	16762	4.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	35302	5.52	ug/L	0.00
21) 2-Butanone-d5	4.69	46	29888	13.04	ug/L	0.00
24) Chloroform-d	5.11	84	35334	5.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	24484	5.61	ug/L	0.00
32) Benzene-d6	5.77	84	67196	5.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	23543	6.32	ug/L	0.00
41) Toluene-d8	7.93	98	65387	5.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	12450	6.90	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	22232	14.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33194	5.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	22025	6.07	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	21364	4.730	ug/L	97
3) Chloromethane	1.54	50	17528	3.693	ug/L	98
5) Vinyl chloride	1.62	62	22343	4.453	ug/L	96
6) Bromomethane	1.87	94	9080	3.098	ug/L	93
8) Chloroethane	1.95	64	13756	4.645	ug/L	96
9) Trichlorofluoromethane	2.16	101	32466	5.034	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	16220	5.255	ug/L	94
12) 1,1-Dichloroethene	2.61	96	15059	5.136	ug/L	96
13) Acetone	2.66	43	34791	12.694	ug/L	97
14) Carbon disulfide	2.82	76	47093	5.109	ug/L	99
15) Methyl Acetate	2.99	43	20326	5.569	ug/L	97
16) Methylene chloride	3.09	84	18060	4.956	ug/L	92
17) trans-1,2-Dichloroethene	3.39	96	15986	5.176	ug/L	98
18) Methyl tert-butyl Ether	3.41	73	58323	6.322	ug/L	95
19) 1,1-Dichloroethane	3.92	63	33264	5.571	ug/L	96
20) cis-1,2-Dichloroethene	4.72	96	19948	5.770	ug/L #	88
22) 2-Butanone	4.76	43	36804	12.706	ug/L	97
23) Bromochloromethane	5.03	128	9061	4.737	ug/L	94
25) Chloroform	5.14	83	36309	5.651	ug/L	96
27) 1,2-Dichloroethane	5.84	62	27097	5.443	ug/L #	95
29) Cyclohexane	5.43	56	28962	7.080	ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	30718	6.456	ug/L	98
31) Carbon tetrachloride	5.57	117	26029	6.127	ug/L	99
33) Benzene	5.82	78	71762	5.970	ug/L	100
34) Trichloroethene	6.58	95	17489	5.710	ug/L	89
35) Methylcyclohexane	6.80	83	30721	6.926	ug/L	92
37) 1,2-Dichloropropane	6.83	63	19851	6.342	ug/L #	96
38) Bromodichloromethane	7.14	83	27393	6.491	ug/L	92
39) cis-1,3-Dichloropropene	7.65	75	31528	6.689	ug/L	94
40) 4-Methyl-2-pentanone	7.83	43	67772	16.763	ug/L	96

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42) Toluene	8.00	91	78786	6.177	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	29728	6.754	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	16920	5.401	ug/L	98
46) Tetrachloroethene	8.58	164	13958	5.290	ug/L	96
48) 2-Hexanone	8.73	43	47185	13.988	ug/L #	97
49) Dibromochloromethane	8.84	129	21726	6.016	ug/L	97
50) 1,2-Dibromoethane	8.96	107	20330	6.010	ug/L	95
51) Chlorobenzene	9.48	112	48632	5.673	ug/L	97
52) Ethylbenzene	9.60	91	89583	6.652	ug/L	95
53) m,p-Xylene	9.72	106	32785	6.303	ug/L	90
54) o-xylene	10.13	106	33056	6.583	ug/L	97
55) Styrene	10.14	104	53328	6.117	ug/L	100
56) Isopropylbenzene	10.51	105	86363	6.641	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	33853	6.196	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	27404	6.143	ug/L	99
61) Bromoform	10.32	173	15924	6.779	ug/L #	97
62) 1,3-Dichlorobenzene	11.77	146	33223	6.169	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	33330	6.024	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	33630	6.101	ug/L	91
66) 1,2-Dibromo-3-chloropropan	13.02	75	8316	8.545	ug/L #	82
67) 1,3,5-Trichlorobenzene	13.24	180	21982	5.687	ug/L	96
68) 1,2,4-trichlorobenzene	13.86	180	13977	4.930	ug/L	98
69) Naphthalene	14.11	128	43325	5.724	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	15599	5.146	ug/L	95

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

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