

Data File : VU027730.D
Acq On : 22 Oct 2018 09:28
Operator : MD/SY
Sample : VSTD05054
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05054

Quant Time: Oct 23 07:21:20 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 07:17:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	105537	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	100739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48096	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44449	54.13	ug/L	0.00
7) Chloroethane-d5	1.68	69	33928	53.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	77605	52.47	ug/L	0.00
21) 2-Butanone-d5	4.18	46	75319	107.63	ug/L	0.00
24) Chloroform-d	4.65	84	80894	54.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	55197	54.00	ug/L	0.00
32) Benzene-d6	5.34	84	156409	54.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	55614	54.30	ug/L	0.00
41) Toluene-d8	7.57	98	145149	54.85	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	27364	55.01	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	55680	106.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	69925	52.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	53191	53.99	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	42095	49.080	ug/L	100
3) Chloromethane	1.33	50	48399	48.171	ug/L	100
5) Vinyl chloride	1.41	62	46584	48.879	ug/L	100
6) Bromomethane	1.63	94	22950	47.758	ug/L	100
8) Chloroethane	1.70	64	25470	49.514	ug/L	100
9) Trichlorofluoromethane	1.89	101	55748	48.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	29714	47.254	ug/L	100
12) 1,1-Dichloroethene	2.29	96	28717	48.833	ug/L	100
13) Acetone	2.32	43	44055	90.380	ug/L	100
14) Carbon disulfide	2.48	76	98701	48.202	ug/L	100
15) Methyl Acetate	2.62	43	48033	46.825	ug/L	100
16) Methylene chloride	2.70	84	35695	49.138	ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	31373	48.228	ug/L	100
18) Methyl tert-butyl Ether	3.00	73	117105	48.162	ug/L	100
19) 1,1-Dichloroethane	3.45	63	68380	48.440	ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	36935	48.000	ug/L	100
22) 2-Butanone	4.26	43	67486	93.046	ug/L	100
23) Bromochloromethane	4.55	128	17749	49.393	ug/L	100
25) Chloroform	4.68	83	67542	49.302	ug/L	100
27) 1,2-Dichloroethane	5.41	62	58212	48.964	ug/L	100
29) Cyclohexane	5.00	56	69186	47.914	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	58661	48.040	ug/L	100
31) Carbon tetrachloride	5.14	117	52570	47.841	ug/L	100
33) Benzene	5.39	78	148298	49.484	ug/L	100
34) Trichloroethene	6.19	95	35736	47.632	ug/L	100
35) Methylcyclohexane	6.42	83	61921	47.723	ug/L	100
37) 1,2-Dichloropropane	6.43	63	42793	48.328	ug/L	100
38) Bromodichloromethane	6.76	83	53383	48.514	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	65722	48.204	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	133411	93.746	ug/L	100

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42) Toluene	7.64	91	150324	47.896	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	62030	48.096	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	35717	48.834	ug/L	100
46) Tetrachloroethene	8.23	164	27802	47.984	ug/L	100
48) 2-Hexanone	8.36	43	103148	93.462	ug/L	100
49) Dibromochloromethane	8.48	129	41216	47.557	ug/L	100
50) 1,2-Dibromoethane	8.59	107	37254	47.722	ug/L	100
51) Chlorobenzene	9.12	112	92564	48.106	ug/L	100
52) Ethylbenzene	9.25	91	171150	48.209	ug/L	100
53) m,p-Xylene	9.37	106	61401	47.876	ug/L	100
54) o-xylene	9.78	106	61268	47.925	ug/L	100
55) Styrene	9.79	104	104294	47.929	ug/L	100
56) Isopropylbenzene	10.17	105	161373	47.664	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	60937	46.852	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	48067	45.932	ug/L	100
61) Bromoform	9.96	173	31459	49.067	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	70506	48.889	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	70325	47.822	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	71662	48.311	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	14532	47.016	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	54419	48.788	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	49310	49.797	ug/L	100
69) Naphthalene	13.74	128	160090	50.056	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	51318	49.587	ug/L	100

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

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