

Data File : VU026819.D
Acq On : 17 Sep 2018 12:50
Operator : MD/SY
Sample : VSTD00549
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00549

Manual Integrations
APPROVED

MMDadoda
9/18/2018 9:39:05 AM

Quant Time: Sep 18 01:25:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 00:50:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	218080	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	215193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	8817	5.47	ug/L	0.00
7) Chloroethane-d5	1.68	69	7647	5.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	16542	5.42	ug/L	0.00
21) 2-Butanone-d5	4.18	46	9418m	8.80	ug/L	0.00
24) Chloroform-d	4.65	84	16782	5.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	10287	5.46	ug/L	0.00
32) Benzene-d6	5.34	84	28246	4.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	9916	5.10	ug/L	0.00
41) Toluene-d8	7.57	98	22304	4.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3902	4.50	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	4795	6.28	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	13518	4.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	10161	5.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	11285	5.475 ug/L	95
3) Chloromethane	1.33	50	11611	5.523 ug/L	98
5) Vinyl chloride	1.40	62	11075	5.413 ug/L	97
6) Bromomethane	1.63	94	4835	4.785 ug/L	95
8) Chloroethane	1.70	64	7024	5.478 ug/L	100
9) Trichlorofluoromethane	1.89	101	13839	5.444 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8459	5.618 ug/L	97
12) 1,1-Dichloroethene	2.29	96	7584	5.363 ug/L	93
13) Acetone	2.32	43	12769	12.135 ug/L	98
14) Carbon disulfide	2.48	76	25990	5.325 ug/L	99
15) Methyl Acetate	2.62	43	9393	5.152 ug/L	99
16) Methylene chloride	2.70	84	9841	5.474 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	7751	4.976 ug/L	95
18) Methyl tert-butyl Ether	3.00	73	19698	4.325 ug/L	97
19) 1,1-Dichloroethane	3.45	63	16094	5.357 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	8099	4.728 ug/L	98
22) 2-Butanone	4.27	43	11941	9.202 ug/L	93
23) Bromochloromethane	4.55	128	4881	5.277 ug/L	94
25) Chloroform	4.68	83	16102	5.292 ug/L	98
27) 1,2-Dichloroethane	5.41	62	12313	5.186 ug/L	100
29) Cyclohexane	5.00	56	9464	3.788 ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	12782	4.993 ug/L	98
31) Carbon tetrachloride	5.13	117	11344	4.945 ug/L	97
33) Benzene	5.39	78	30430	4.561 ug/L	100
34) Trichloroethene	6.19	95	7839	4.896 ug/L	96
35) Methylcyclohexane	6.42	83	10269	3.935 ug/L	95
37) 1,2-Dichloropropane	6.44	63	8998	4.910 ug/L	98
38) Bromodichloromethane	6.76	83	11722	5.157 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	9865	3.810 ug/L	90
40) 4-Methyl-2-pentanone	7.46	43	16224	7.450 ug/L	96

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42) Toluene	7.64	91	27606	4.089	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	10239	4.224	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	8471	5.070	ug/L	97
46) Tetrachloroethene	8.23	164	6933	4.885	ug/L	93
48) 2-Hexanone	8.37	43	12131	6.906	ug/L	95
49) Dibromochloromethane	8.48	129	8815	4.661	ug/L	99
50) 1,2-Dibromoethane	8.59	107	8079	4.638	ug/L #	99
51) Chlorobenzene	9.12	112	22362	4.881	ug/L	99
52) Ethylbenzene	9.25	91	27476	3.885	ug/L	97
53) m,p-Xylene	9.38	106	9630	3.542	ug/L	99
54) o-xylene	9.78	106	9327	3.521	ug/L	89
55) Styrene	9.80	104	15234	3.331	ug/L	98
56) Isopropylbenzene	10.17	105	23168	3.424	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	13713	4.879	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	10267	4.677	ug/L	99
61) Bromoform	9.96	173	6635	5.479	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	13182	4.696	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	15661	5.066	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	15200	4.890	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	2291	4.858	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.89	180	10381	4.779	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	8179	4.369	ug/L	95
69) Naphthalene	13.75	128	17493	3.172	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	8392	4.071	ug/L	95

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

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