

Data File : VU033628.D
Acq On : 08 Aug 2019 11:17
Operator : JC/SP
Sample : VSTD00531
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00531

Manual Integrations
APPROVED

MMDadoda
8/12/2019 1:12:12 PM

Quant Time: Aug 08 15:31:25 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	285254	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	283706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	139696	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	16572	7.86	ug/L	0.00
7) Chloroethane-d5	1.67	69	14059	6.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	26090	6.69	ug/L	0.00
21) 2-Butanone-d5	4.17	46	21488	12.85	ug/L	0.02
24) Chloroform-d	4.63	84	26432	6.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	17611	7.14	ug/L	0.00
32) Benzene-d6	5.32	84	50888	6.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	16139	6.52	ug/L	0.00
41) Toluene-d8	7.55	98	45130	6.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	7437	6.01	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	13451	11.04	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	25878	6.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	19472	6.99	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	14806	6.019	ug/L	99
3) Chloromethane	1.32	50	16948	6.357	ug/L	98
5) Vinyl chloride	1.40	62	16872	5.749	ug/L	96
6) Bromomethane	1.62	94	11157	5.050	ug/L	91
8) Chloroethane	1.69	64	10933	4.760	ug/L	98
9) Trichlorofluoromethane	1.88	101	22657	5.937	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	11847	6.088	ug/L	99
12) 1,1-Dichloroethene	2.27	96	11110	5.913	ug/L	85
13) Acetone	2.32	43	19300	12.734	ug/L	99
14) Carbon disulfide	2.47	76	33196	5.712	ug/L	95
15) Methyl Acetate	2.61	43	13453	5.495	ug/L	100
16) Methylene chloride	2.69	84	13334	6.064	ug/L	97
17) trans-1,2-Dichloroethene	2.97	96	11298	5.626	ug/L	98
18) Methyl tert-butyl Ether	2.98	73	33790	5.429	ug/L	100
19) 1,1-Dichloroethane	3.43	63	22598	5.943	ug/L	96
20) cis-1,2-Dichloroethene	4.21	96	11901	5.361	ug/L	100
22) 2-Butanone	4.25	43	21252m	11.286	ug/L	
23) Bromochloromethane	4.53	128	6861	5.907	ug/L	87
25) Chloroform	4.65	83	23573	5.975	ug/L	99
27) 1,2-Dichloroethane	5.39	62	18159	5.919	ug/L	98
29) Cyclohexane	4.97	56	16534	5.104	ug/L #	89
30) 1,1,1-Trichloroethane	4.89	97	19697	5.830	ug/L #	90
31) Carbon tetrachloride	5.11	117	17010	5.725	ug/L	99
33) Benzene	5.37	78	47592	5.568	ug/L	100
34) Trichloroethene	6.17	95	12362	5.612	ug/L	95
35) Methylcyclohexane	6.40	83	17450	5.053	ug/L	97
37) 1,2-Dichloropropane	6.41	63	13146	5.625	ug/L #	95
38) Bromodichloromethane	6.74	83	16781	5.690	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	17440	4.898	ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	35363	10.540	ug/L	98

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42) Toluene	7.62	91	48889	5.354	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	16779	5.219	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	12490	5.695	ug/L	96
46) Tetrachloroethene	8.21	164	9735	5.406	ug/L	91
48) 2-Hexanone	8.35	43	28841	10.708	ug/L	91
49) Dibromochloromethane	8.46	129	13702	5.553	ug/L	100
50) 1,2-Dibromoethane	8.57	107	12898	5.365	ug/L	90
51) Chlorobenzene	9.10	112	33630	5.637	ug/L	97
52) Ethylbenzene	9.23	91	51039	5.156	ug/L	100
53) m,p-Xylene	9.36	106	19112	5.069	ug/L	93
54) o-xylene	9.76	106	18596	5.044	ug/L	99
55) Styrene	9.78	104	29822	4.742	ug/L	97
56) Isopropylbenzene	10.15	105	47055	4.938	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	22633	5.791	ug/L #	98
59) 1,2,3-Trichloropropane	10.48	75	17685	5.755	ug/L	97
61) Bromoform	9.94	173	10468	5.944	ug/L #	94
62) 1,3-Dichlorobenzene	11.40	146	25247	5.696	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	27424	6.053	ug/L	97
65) 1,2-Dichlorobenzene	11.86	146	25432	5.726	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	4864	5.840	ug/L	94
67) 1,3,5-Trichlorobenzene	12.87	180	18434	5.426	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	13781	4.760	ug/L	99
69) Naphthalene	13.73	128	35846	4.254	ug/L	97
70) 1,2,3-Trichlorobenzene	13.98	180	15025	4.871	ug/L	98

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

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