

Data File : VU036351.D
Acq On : 27 Dec 2019 12:41
Operator : JC/MD
Sample : VSTD01033
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD01033

Quant Time: Dec 27 13:49:18 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	525395	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	495357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	214804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40242	7.42	ug/L	0.00
7) Chloroethane-d5	1.93	69	36188	7.77	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	70127	9.43	ug/L	0.00
21) 2-Butanone-d5	4.68	46	58684	22.01	ug/L	0.00
24) Chloroform-d	5.11	84	68549	8.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	47262	9.31	ug/L	0.00
32) Benzene-d6	5.77	84	138134	9.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	46749	10.71	ug/L	0.00
41) Toluene-d8	7.93	98	130473	10.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	24896	11.76	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	48405	27.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	70599	10.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	45599	10.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	40678	7.746 ug/L	94
3) Chloromethane	1.54	50	37422	6.780 ug/L	99
5) Vinyl chloride	1.62	62	44101	7.559 ug/L	99
6) Bromomethane	1.87	94	19811	5.813 ug/L	97
8) Chloroethane	1.95	64	26243	7.622 ug/L	98
9) Trichlorofluoromethane	2.16	101	57485	7.665 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	28628	7.976 ug/L	93
12) 1,1-Dichloroethene	2.61	96	29533	8.663 ug/L	82
13) Acetone	2.66	43	68352	21.449 ug/L	98
14) Carbon disulfide	2.82	76	91228	8.511 ug/L	99
15) Methyl Acetate	2.99	43	41816	9.854 ug/L	99
16) Methylene chloride	3.08	84	37461	8.842 ug/L	96
17) trans-1,2-Dichloroethene	3.39	96	30671	8.541 ug/L	97
18) Methyl tert-butyl Ether	3.41	73	118498	11.047 ug/L	99
19) 1,1-Dichloroethane	3.92	63	65058	9.371 ug/L	97
20) cis-1,2-Dichloroethene	4.72	96	38649	9.615 ug/L	# 91
22) 2-Butanone	4.76	43	74720	22.184 ug/L	99
23) Bromochloromethane	5.02	128	18396	8.271 ug/L	94
25) Chloroform	5.13	83	68504	9.170 ug/L	96
27) 1,2-Dichloroethane	5.84	62	52193	9.017 ug/L	98
29) Cyclohexane	5.43	56	54064	11.269 ug/L	97
30) 1,1,1-Trichloroethane	5.36	97	59994	10.751 ug/L	97
31) Carbon tetrachloride	5.57	117	51325	10.302 ug/L	99
33) Benzene	5.82	78	142156	10.084 ug/L	100
34) Trichloroethene	6.58	95	37068	10.320 ug/L	93
35) Methylcyclohexane	6.80	83	57182	10.992 ug/L	99
37) 1,2-Dichloropropane	6.83	63	39432	10.741 ug/L	# 92
38) Bromodichloromethane	7.14	83	55683	11.251 ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	67047	12.129 ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	131365	27.704 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	156700	10.475	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	61487	11.911	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	35805	9.746	ug/L	95
46) Tetrachloroethene	8.58	164	25141	8.124	ug/L	96
48) 2-Hexanone	8.72	43	98923	25.004	ug/L	97
49) Dibromochloromethane	8.84	129	44377	10.477	ug/L	98
50) 1,2-Dibromoethane	8.95	107	41531	10.468	ug/L	99
51) Chlorobenzene	9.47	112	98850	9.832	ug/L	99
52) Ethylbenzene	9.60	91	176554	11.179	ug/L	100
53) m,p-Xylene	9.72	106	65606	10.754	ug/L	95
54) o-xylene	10.13	106	67342	11.434	ug/L	98
55) Styrene	10.14	104	110012	10.760	ug/L	100
56) Isopropylbenzene	10.51	105	169051	11.083	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	69814	10.895	ug/L	94
59) 1,2,3-Trichloropropane	10.85	75	54988	10.510	ug/L	97
61) Bromoform	10.32	173	31472	10.945	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	68252	10.353	ug/L	95
63) 1,4-Dichlorobenzene	11.86	146	66553	9.826	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	68806	10.197	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.02	75	15827	13.284	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	42771	9.039	ug/L	96
68) 1,2,4-trichlorobenzene	13.86	180	29370	8.463	ug/L	96
69) Naphthalene	14.10	128	99448	10.733	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	32999	8.893	ug/L	98

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

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