Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080519\
Data File : VU033593.D
Acq On : 05 Aug 2019 11:42
Operator : JC/SP
Sample : VSTD05032
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD05032

Quant Time: Aug 05 16:55:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 05 16:26:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	338497	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	334746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	180812	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	106727	45.35	ug/L	0.00
7) Chloroethane-d5	1.67	69	93836	38.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	204068	45.57	ug/L	0.00
21) 2-Butanone-d5	4.15	46	174421	94.62	ug/L	0.00
24) Chloroform-d	4.62	84	201245	45.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	125056	45.25	ug/L	0.00
32) Benzene-d6	5.32	84	399001	45.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	128911	46.06	ug/L	0.00
41) Toluene-d8	7.55	98	376252	46.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	63120	46.28	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	129856	96.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	194315	45.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	154038	44.29	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	145931	45.089	ug/L	100
3) Chloromethane	1.32	50	157018	46.726	ug/L	100
5) Vinyl chloride	1.39	62	167788	47.133	ug/L	100
6) Bromomethane	1.62	94	144460	57.217	ug/L	100
8) Chloroethane	1.69	64	103974	39.222	ug/L	100
9) Trichlorofluoromethane	1.87	101	226549	47.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	113334	46.711	ug/L	100
12) 1,1-Dichloroethene	2.27	96	111116	47.667	ug/L	100
13) Acetone	2.31	43	161417	89.325	ug/L	100
14) Carbon disulfide	2.46	76	337474	48.629	ug/L	100
15) Methyl Acetate	2.60	43	144186	47.874	ug/L	100
16) Methylene chloride	2.68	84	128406	47.554	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	116126	47.817	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	366516	48.087	ug/L	100
19) 1,1-Dichloroethane	3.42	63	220695	47.379	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	131015	47.637	ug/L	100
22) 2-Butanone	4.24	43	220313	99.239	ug/L	100
23) Bromochloromethane	4.52	128	67823	48.241	ug/L	100
25) Chloroform	4.65	83	229543	46.926	ug/L	100
27) 1,2-Dichloroethane	5.38	62	178744	47.490	ug/L	100
29) Cyclohexane	4.97	56	193940	50.036	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	190872	46.595	ug/L	100
31) Carbon tetrachloride	5.11	117	169382	47.486	ug/L	100
33) Benzene	5.37	78	501789	49.041	ug/L	100
34) Trichloroethene	6.16	95	127213	47.222	ug/L	100
35) Methylcyclohexane	6.40	83	205616	50.272	ug/L	100
37) 1,2-Dichloropropane	6.41	63	133103	47.537	ug/L	100
38) Bromodichloromethane	6.74	83	170140	46.897	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	208598	48.694	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	390982	96.615	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	544645	49.189	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	186859	47.764	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	125631	46.917	ug/L	100
46) Tetrachloroethene	8.21	164	104824	48.300	ug/L	100
48) 2-Hexanone	8.34	43	314225	96.400	ug/L	100
49) Dibromochloromethane	8.46	129	141336	46.791	ug/L	100
50) 1,2-Dibromoethane	8.57	107	137180	47.249	ug/L	100
51) Chlorobenzene	9.10	112	342242	47.266	ug/L	100
52) Ethylbenzene	9.23	91	582418	49.382	ug/L	100
53) m,p-Xylene	9.36	106	224659	50.008	ug/L	100
54) o-xylene	9.76	106	220773	49.854	ug/L	100
55) Styrene	9.77	104	375068	49.949	ug/L	100
56) Isopropylbenzene	10.15	105	570423	49.738	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	225954	47.140	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	175953	46.551	ug/L	100
61) Bromoform	9.94	173	110882	46.623	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	278606	46.592	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	282105	46.066	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	280139	46.817	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	53576	46.695	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	218209	47.261	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	190421	49.047	ug/L	100
69) Naphthalene	13.73	128	576793	51.145	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	199892	48.167	ug/L	100

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

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