Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061920\

Quantitation Report (QT Reviewed)

Data File : VU038986.D
Acq On : 19 Jun 2020 16:03
Operator : SY/MD
Sample : VSTD00106
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD00106

Quant Time: Jun 19 17:21:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 17:18:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	263063	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	263763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	25451	1.32	ug/L	0.00
7) Chloroethane-d5	1.93	69	19611	1.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	45057	1.17	ug/L	0.00
20) 2-Butanone-d5	4.68	46	75874	12.41	ug/L	0.00
24) Chloroform-d	5.10	84	43852	1.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	27230	1.25	ug/L	0.00
32) Benzene-d6	5.76	84	84763	1.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	27178	1.22	ug/L	0.00
41) Toluene-d8	7.92	98	87982	1.33	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	14172	1.34	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	57158	11.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	23750	1.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	28524	1.09	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	28529	1.125	ug/L	100
3) Chloromethane	1.53	50	28136	1.125	ug/L	99
5) Vinyl chloride	1.62	62	29155	1.162	ug/L	97
6) Bromomethane	1.88	94	10961	0.830	ug/L	87
8) Chloroethane	1.95	64	17281	1.101	ug/L	95
9) Trichlorofluoromethane	2.16	101	36948	0.986	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	22062	1.109	ug/L	100
12) 1,1-Dichloroethene	2.61	96	20078	1.072	ug/L	99
13) Acetone	2.67	43	48494	11.720	ug/L	94
14) Carbon disulfide	2.82	76	69173	1.084	ug/L	98
15) Methyl Acetate	2.98	43	11765	1.147	ug/L	99
16) Methylene chloride	3.08	84	26566	1.216	ug/L	98
17) Methyl tert-butyl Ether	3.40	73	52028	1.051	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	21081	1.065	ug/L	99
19) 1,1-Dichloroethane	3.91	63	40746	1.121	ug/L	96
21) 2-Butanone	4.76	43	73728	11.306	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	21802	1.072	ug/L	95
23) Bromochloromethane	5.02	128	10467	1.092	ug/L	95
25) Chloroform	5.12	83	41341	1.125	ug/L	97
27) 1,2-Dichloroethane	5.83	62	30510	1.142	ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	36503	1.105	ug/L	97
30) Cyclohexane	5.42	56	33035	1.038	ug/L	97
31) Carbon tetrachloride	5.56	117	30206	1.042	ug/L	99
33) Benzene	5.81	78	88099	1.091	ug/L	100
34) Trichloroethene	6.57	95	22944	1.133	ug/L	97
35) Methylcyclohexane	6.79	83	31178	0.963	ug/L	94
37) 1,2-Dichloropropane	6.82	63	24095	1.139	ug/L	100
38) Bromodichloromethane	7.13	83	28923	1.026	ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	35769	1.124	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	214248	13.728	ug/L	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 17:18:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	103895	1.208	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	34740	1.175	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	21442	1.328	ug/L	96
47) Tetrachloroethene	8.57	164	19210	1.228	ug/L	91
48) 2-Hexanone	8.71	43	154601	13.859	ug/L	96
49) Dibromochloromethane	8.83	129	23612	1.284	ug/L	94
50) 1,2-Dibromoethane	8.94	107	19550	1.255	ug/L	96
51) Chlorobenzene	9.47	112	57184	1.064	ug/L	99
52) Ethylbenzene	9.59	91	89263	0.998	ug/L	98
53) m,p-Xylene	9.71	106	31728	0.919	ug/L	95
54) o-Xylene	10.12	106	31771	0.961	ug/L	100
55) Styrene	10.13	104	53488	0.938	ug/L	99
56) Isopropylbenzene	10.50	105	81093	0.921	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	23158	1.078	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	17427	1.104	ug/L	100
61) Bromoform	10.30	173	11359	1.028	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	44767	1.034	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	47627	1.074	ug/L	95
65) 1,2-Dichlorobenzene	12.22	146	43024	1.010	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.01	75	3824	0.923	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	33427	0.966	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	28003	0.896	ug/L	98
69) Naphthalene	14.11	128	45981	0.769	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	25920	0.876	ug/L	96

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

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