Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061720\
Data File : VU038936.D
Acq On : 17 Jun 2020 11:05
Operator : SY/MD
Sample : VSTD0.504
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD0.504

Quant Time: Jun 17 12:21:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 17 12:20:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265107	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.44	117	265988	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	134207	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	10200	0.77	ug/L		0.00
7) Chloroethane-d5	1.93	69	8737	0.67	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.60	63	20589	0.64	ug/L		0.00
20) 2-Butanone-d5	4.68	46	31579	6.61	ug/L		0.00
24) Chloroform-d	5.10	84	21285	0.66	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.74	65	12269	0.67	ug/L		0.00
32) Benzene-d6	5.76	84	37977	0.64	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.72	67	11883	0.64	ug/L		0.00
41) Toluene-d8	7.92	98	32574	0.59	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.20	79	5046	0.62	ug/L		0.00
46) 2-Hexanone-d5	8.66	63	24001	5.97	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	11015	0.63	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	15375	0.67	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	13962	0.541	ug/L		95
3) Chloromethane	1.53	50	13270	0.616	ug/L		97
5) Vinyl chloride	1.62	62	13744	0.605	ug/L		99
6) Bromomethane	1.88	94	7155	0.513	ug/L		89
8) Chloroethane	1.95	64	9904	0.587	ug/L		98
9) Trichlorofluoromethane	2.16	101	20635	0.523	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	10895	0.557	ug/L		97
12) 1,1-Dichloroethene	2.61	96	9909	0.529	ug/L		92
13) Acetone	2.69	43	23552	6.020	ug/L		98
14) Carbon disulfide	2.82	76	34503	0.555	ug/L		99
15) Methyl Acetate	2.99	43	5848	0.613	ug/L		96
16) Methylene chloride	3.08	84	12768	0.593	ug/L		94
17) Methyl tert-butyl Ether	3.40	73	25693	0.537	ug/L		99
18) trans-1,2-Dichloroethene	3.39	96	10297	0.519	ug/L		88
19) 1,1-Dichloroethane	3.91	63	19708	0.542	ug/L		94
21) 2-Butanone	4.76	43	30787	4.841	ug/L		90
22) cis-1,2-Dichloroethene	4.71	96	10505	0.506	ug/L		92
23) Bromochloromethane	5.02	128	5276	0.537	ug/L		83
25) Chloroform	5.13	83	19546	0.515	ug/L		88
27) 1,2-Dichloroethane	5.83	62	14665	0.545	ug/L	#	93
29) 1,1,1-Trichloroethane	5.35	97	17287	0.525	ug/L		96
30) Cyclohexane	5.42	56	15911	0.536	ug/L		94
31) Carbon tetrachloride	5.56	117	16089	0.574	ug/L		93
33) Benzene	5.81	78	41954	0.531	ug/L		100
34) Trichloroethene	6.57	95	10379	0.503	ug/L		87
35) Methylcyclohexane	6.79	83	15453	0.503	ug/L		98
37) 1,2-Dichloropropane	6.82	63	11094	0.544	ug/L	#	96
38) Bromodichloromethane	7.13	83	14719	0.549	ug/L		96
39) cis-1,3-Dichloropropene	7.64	75	15231	0.522	ug/L		98
40) 4-Methyl-2-pentanone	7.82	43	67763	4.873	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.99	91	40464	0.486	ug/L		100
44) trans-1,3-Dichloropropene	8.24	75	13598	0.510	ug/L		88
45) 1,1,2-Trichloroethane	8.43	97	8016	0.514	ug/L		91
47) Tetrachloroethene	8.57	164	8342	0.528	ug/L		89
48) 2-Hexanone	8.71	43	50613	4.591	ug/L		97
49) Dibromochloromethane	8.83	129	9444	0.522	ug/L		99
50) 1,2-Dibromoethane	8.95	107	8400	0.556	ug/L	#	96
51) Chlorobenzene	9.47	112	28182	0.520	ug/L		98
52) Ethylbenzene	9.59	91	41994	0.453	ug/L		97
53) m,p-Xylene	9.71	106	16079	0.462	ug/L		90
54) o-Xylene	10.12	106	15265	0.456	ug/L		100
55) Styrene	10.13	104	24845	0.427	ug/L		96
56) Isopropylbenzene	10.50	105	40638	0.467	ug/L		99
58) 1,1,2,2-Tetrachloroethane	10.80	83	11724	0.587	ug/L		93
59) 1,2,3-Trichloropropane	10.84	75	8473	0.539	ug/L		98
61) Bromoform	10.31	173	6323	0.618	ug/L	#	88
62) 1,3-Dichlorobenzene	11.76	146	21797	0.515	ug/L		98
63) 1,4-Dichlorobenzene	11.85	146	22886	0.534	ug/L		98
65) 1,2-Dichlorobenzene	12.23	146	23643	0.562	ug/L		96
66) 1,2-Dibromo-3-chloropropan	13.02	75	2747	0.738	ug/L		86
67) 1,3,5-Trichlorobenzene	13.24	180	18947	0.594	ug/L		98
68) 1,2,4-trichlorobenzene	13.87	180	15377	0.576	ug/L		99
69) Naphthalene	14.12	128	28739	0.572	ug/L		100
70) 1,2,3-Trichlorobenzene	14.37	180	14806	0.593	ug/L		99

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

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