Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021320\
Data File : BM024894.D
Acq On : 14 Feb 2020 15:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02017

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Quant Time: Feb 14 16:46:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	416100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1569818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	972049	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2068737	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	1991454	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2241064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.04	96	76517	8.84	ng/uL	0.00
5) Phenol-d5	6.59	99	635387	22.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	376971	24.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	545998	22.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	493831	21.17	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	250914	22.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	293186	21.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	561655	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	598045	23.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1490371	20.31	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	1783743	20.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	252782	21.20	ng/ul	0.00
58) Fluorene-d10	15.04	176	1289832	19.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	261430	19.39	ng/ul	0.00
71) Anthracene-d10	16.90	188	1979209	20.96	ng/ul	0.00
79) Pyrene-d10	19.20	212	2210213	22.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.98	264	2415413	21.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	78062	8.557	ng/uL#	85
4) Benzaldehyde	6.55	77	304855	16.769	ng/ul	98
6) Phenol	6.62	94	670356	23.040	ng/ul	93
8) Bis(2-Chloroethyl)ether	6.84	93	545458	23.217	ng/ul	99
10) 2-Chlorophenol	6.97	128	557327	22.074	ng/ul	99
11) 2-Methylphenol	7.85	108	496643	21.991	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	270246	14.627	ng/ul#	70
14) Acetophenone	8.20	105	789636	21.484	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.20	70	370003	21.298	ng/ul#	86
16) 4-Methylphenol	8.17	108	529276	21.707	ng/ul	98
17) Hexachloroethane	8.45	117	250905	22.038	ng/ul	90
20) Nitrobenzene	8.57	77	631056	23.414	ng/ul	96
21) Isophorone	9.10	82	1103850	22.585	ng/ul	94
23) 2-Nitrophenol	9.27	139	312089	21.618	ng/ul	94
24) 2,4-Dimethylphenol	9.36	107	571280	21.182	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.59	93	689821	22.501	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	545983	20.432	ng/ul	98
28) Naphthalene	10.19	128	1660852	20.707	ng/ul	99
30) 4-Chloroaniline	10.31	127	600337	23.764	ng/ul	97
31) Hexachlorobutadiene	10.49	225	425305	19.160	ng/ul	98
32) Caprolactam	11.08	113	147844m	21.106	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	514262	20.741	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	1177305	19.926	ng/ul	99

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35) 1-Methylnaphthalene	12.05	142	1157931	19.651	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	729241	21.215	ng/ul	96
38) Hexachlorocyclopentadiene	12.19	237	460873	19.013	ng/ul	99
39) 2,4,6-Trichlorophenol	12.46	196	448186	21.183	ng/ul	96
40) 2,4,5-Trichlorophenol	12.53	196	476034	21.526	ng/ul	100
41) 1,1'-Biphenyl	12.86	154	1520928	21.195	ng/ul#	97
42) 2-Chloronaphthalene	12.90	162	1240784	21.177	ng/ul	98
43) 2-Nitroaniline	13.11	65	300186	24.298	ng/ul	94
45) Dimethylphthalate	13.52	163	1510794	19.738	ng/ul	100
46) 2,6-Dinitrotoluene	13.63	165	325842	21.052	ng/ul	97
48) Acenaphthylene	13.76	152	1825256	20.564	ng/ul	98
49) 3-Nitroaniline	13.95	138	275951	23.669	ng/ul	89
50) Acenaphthene	14.10	153	1239306	20.675	ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	175480	18.610	ng/ul	97
53) 4-Nitrophenol	14.29	109	194594	19.984	ng/ul	93
54) Dibenzofuran	14.44	168	1808695	20.242	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	454584	20.579	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.68	232	435781	20.167	ng/ul#	97
57) Diethylphthalate	14.90	149	1475407	19.481	ng/ul	99
59) Fluorene	15.10	166	1454885	19.757	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.11	204	806245	19.015	ng/ul	97
61) 4-Nitroaniline	15.13	138	284426	19.700	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.19	198	287968	19.952	ng/ul	97
65) N-Nitrosodiphenylamine	15.32	169	1259254	21.791	ng/ul	98
66) 4-Bromophenyl-phenylether	16.00	248	529472	20.426	ng/ul	98
67) Hexachlorobenzene	16.11	284	624726	20.392	ng/ul	98
68) Atrazine	16.29	200	468069	18.852	ng/ul	99
69) Pentachlorophenol	16.46	266	381917	20.834	ng/ul	99
70) Phenanthrene	16.84	178	2345138	20.791	ng/ul	100
72) Anthracene	16.93	178	2379424	20.800	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	722155	21.259	ng/uL	98
74) Pentachlorobenzene	14.37	250	723202	20.061	ng/uL	99
75) Carbazole	17.20	167	1982108	20.798	ng/ul	99
76) Di-n-butylphthalate	17.80	149	2439775	20.121	ng/ul	100
77) Fluoranthene	18.87	202	2799921	20.220	ng/ul#	96
80) Pyrene	19.23	202	2854614	21.655	ng/ul#	95
81) Butylbenzylphthalate	20.17	149	1094771	22.203	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.94	252	906277	19.468	ng/ul	97
83) Benzo(a)anthracene	21.00	228	2841856	21.185	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	1584587	20.303	ng/ul	99
85) Chrysene	21.04	228	2719731	20.594	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	2662706	19.882	ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	2967353	20.823	ng/ul	99
89) Benzo(k)fluoranthene	22.54	252	2898029	21.128	ng/ul	99
91) Benzo(a)pyrene	23.02	252	2737145	21.424	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.16	276	3356844	21.105	ng/ul	97
93) Dibenzo(a,h)anthracene	25.17	278	2830975	20.890	ng/ul	99
94) Benzo(g,h,i)perylene	25.77	276	2807996	21.226	ng/ul	99

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

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