Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002494.D
Acq On : 23 Jun 2020 09:58
Operator : CG/JU
Sample : L3082-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2MS

Quant Time: Jun 23 11:51:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	126583	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	509562	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	326510	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	738596	20.00	ng	0.00
76) Chrysene-d12	21.10	240	819608	20.00	ng	0.00
86) Perylene-d12	23.30	264	980156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	686365	100.33	ng	0.00
7) Phenol-d6	6.78	99	926039	101.68	ng	0.00
23) Nitrobenzene-d5	8.73	82	598415	70.13	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	409859	131.11	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1384498	71.30	ng	0.00
79) Terphenyl-d14	19.58	244	2447837	72.77	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	128256	40.702	ng	98
3) Pyridine	3.53	79	348502	40.691	ng	99
4) n-Nitrosodimethylamine	3.45	42	154415	43.751	ng	95
6) Aniline	6.92	93	287267	23.192	ng	99
8) 2-Chlorophenol	7.16	128	341359	44.380	ng	99
9) Benzaldehyde	6.73	77	162200	31.567	ng	99
10) Phenol	6.80	94	436431	44.182	ng	100
11) bis(2-Chloroethyl)ether	7.02	93	333262	40.408	ng	98
12) 1,3-Dichlorobenzene	7.48	146	367382	41.479	ng	99
13) 1,4-Dichlorobenzene	7.62	146	372908	41.847	ng	98
14) 1,2-Dichlorobenzene	7.93	146	353423	41.403	ng	99
15) Benzyl Alcohol	7.83	79	295172	41.814	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	443121	37.867	ng	99
17) 2-Methylphenol	8.04	107	290158	40.199	ng	98
18) Hexachloroethane	8.66	117	138722	42.731	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	252708	41.510	ng	99
20) 3+4-Methylphenols	8.36	107	393508	40.395	ng	97
22) Acetophenone	8.40	105	482376	42.136	ng	98
24) Nitrobenzene	8.77	77	387607	42.259	ng	99
25) Isophorone	9.30	82	722950	41.601	ng	100
26) 2-Nitrophenol	9.48	139	187982	45.993	ng	99
27) 2,4-Dimethylphenol	9.56	122	307320	47.930	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	443756	42.870	ng	98
29) 2,4-Dichlorophenol	10.02	162	333390	46.191	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	354697	44.087	ng	98
31) Naphthalene	10.41	128	1007955	42.578	ng	100
32) Benzoic acid	9.70	122	230162	43.968	ng	98
33) 4-Chloroaniline	10.52	127	164548	15.922	ng	99
34) Hexachlorobutadiene	10.71	225	208853	44.484	ng	97
35) Caprolactam	11.28	113	112229	44.086	ng	98
36) 4-Chloro-3-methylphenol	11.67	107	358267	45.876	ng	95
37) 2-Methylnaphthalene	12.03	142	745562	44.372	ng	100
38) 1-Methylnaphthalene	12.25	142	713705	45.254	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	391948	45.538	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	455400	99.523 ng	100
43) 2,4,6-Trichlorophenol	12.66	196	281355	46.190 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	312054	44.241 ng	96
46) 1,1'-Biphenyl	13.06	154	949847	44.388 ng	98
47) 2-Chloronaphthalene	13.10	162	761220	43.489 ng	98
48) 2-Nitroaniline	13.30	65	239946	42.941 ng	98
49) Acenaphthylene	13.95	152	1206289	43.178 ng	99
50) Dimethylphthalate	13.70	163	1047787	46.834 ng	99
51) 2,6-Dinitrotoluene	13.81	165	212269	43.689 ng	97
52) Acenaphthene	14.30	154	708009	43.260 ng	98
53) 3-Nitroaniline	14.14	138	118279	21.320 ng	96
54) 2,4-Dinitrophenol	14.36	184	251645	87.587 ng	93
55) Dibenzofuran	14.64	168	1149141	43.611 ng	99
56) 4-Nitrophenol	14.47	139	386274	87.691 ng	98
57) 2,4-Dinitrotoluene	14.61	165	297668	45.009 ng	95
58) Fluorene	15.29	166	890517	42.966 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	282678	50.487 ng	94
60) Diethylphthalate	15.08	149	956325	42.661 ng	100
61) 4-Chlorophenyl-phenylether	15.29	204	463291	46.316 ng	95
62) 4-Nitroaniline	15.31	138	217530	40.807 ng	99
63) Azobenzene	15.59	77	940378	42.143 ng	99
65) 4,6-Dinitro-2-methylphenol	15.38	198	183237	47.014 ng	97
66) n-Nitrosodiphenylamine	15.51	169	817865	43.347 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	310382	44.361 ng	95
68) Hexachlorobenzene	16.31	284	350165	47.163 ng	95
69) Atrazine	16.47	200	281847	45.791 ng	99
70) Pentachlorophenol	16.65	266	428029	96.360 ng	99
71) Phenanthrene	17.03	178	1501020	43.445 ng	100
72) Anthracene	17.13	178	1554769	45.300 ng	98
73) Carbazole	17.40	167	1435061	42.503 ng	99
74) Di-n-butylphthalate	17.98	149	1747675	43.739 ng	100
75) Fluoranthene	19.02	202	1960929	47.548 ng	98
77) Benzidine	19.20	184	845645	46.174 ng	99
78) Pyrene	19.37	202	1975529	39.350 ng	100
80) Butylbenzylphthalate	20.27	149	836515	37.483 ng	96
81) Benzo(a)anthracene	21.09	228	1986971	42.472 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	583091	33.537 ng	98
83) Chrysene	21.14	228	1932617	43.602 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1228625	37.847 ng	100
85) Di-n-octyl phthalate	21.90	149	2226039	39.095 ng	98
87) Indeno(1,2,3-cd)pyrene	25.52	276	2730906	44.546 ng	96
88) Benzo(b)fluoranthene	22.64	252	2305855	43.624 ng	98
89) Benzo(k)fluoranthene	22.69	252	2113467	42.083 ng	98
90) Benzo(a)pyrene	23.21	252	2083891	42.070 ng	98
91) Dibenzo(a,h)anthracene	25.54	278	2247019	45.693 ng	97
92) Benzo(g,h,i)perylene	26.19	276	2269508	44.559 ng	96

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

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