Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002507.D
Acq On : 23 Jun 2020 17:32
Operator : CG/JU
Sample : L3082-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2MSD

Quant Time: Jun 23 18:02:35 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	165893	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	626997	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	351406	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	746753	20.00	ng	0.00
76) Chrysene-d12	21.10	240	764252	20.00	ng	0.00
86) Perylene-d12	23.30	264	865028	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1058889	118.11	ng	0.00
7) Phenol-d6	6.78	99	1357130	113.70	ng	0.00
23) Nitrobenzene-d5	8.73	82	894638	85.21	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	433575	128.87	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1790333	85.66	ng	0.00
79) Terphenyl-d14	19.58	244	2665623	91.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	197317	47.780	ng	99
3) Pyridine	3.54	79	545571	48.607	ng	97
4) n-Nitrosodimethylamine	3.46	42	241965	52.311	ng	99
6) Aniline	6.92	93	423513	26.089	ng	98
8) 2-Chlorophenol	7.16	128	508890	50.483	ng	99
9) Benzaldehyde	6.73	77	252947	40.101	ng	99
10) Phenol	6.80	94	635556	49.094	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	510634	47.244	ng	99
12) 1,3-Dichlorobenzene	7.48	146	576226	49.642	ng	98
13) 1,4-Dichlorobenzene	7.62	146	584820	50.077	ng	98
14) 1,2-Dichlorobenzene	7.93	146	552565	49.393	ng	99
15) Benzyl Alcohol	7.83	79	423629	45.791	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	696754	45.433	ng	99
17) 2-Methylphenol	8.04	107	418071	44.195	ng	99
18) Hexachloroethane	8.65	117	214548	50.428	ng	99
19) n-Nitroso-di-n-propylamine	8.39	70	363828	45.602	ng	100
20) 3+4-Methylphenols	8.36	107	554929	43.467	ng	98
22) Acetophenone	8.40	105	708580	50.302	ng	98
24) Nitrobenzene	8.77	77	573893	50.850	ng	99
25) Isophorone	9.30	82	1014613	47.449	ng	99
26) 2-Nitrophenol	9.48	139	271123	53.911	ng	99
27) 2,4-Dimethylphenol	9.56	122	416978	52.852	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	634555	49.821	ng	99
29) 2,4-Dichlorophenol	10.02	162	457728	51.540	ng	100
30) 1,2,4-Trichlorobenzene	10.23	180	517011	52.225	ng	98
31) Naphthalene	10.41	128	1477446	50.721	ng	100
32) Benzoic acid	9.71	122	296081	45.758	ng	97
33) 4-Chloroaniline	10.52	127	187014	14.706	ng	99
34) Hexachlorobutadiene	10.71	225	297840	51.556	ng	98
35) Caprolactam	11.28	113	142756	45.575	ng	97
36) 4-Chloro-3-methylphenol	11.67	107	473315	49.256	ng	99
37) 2-Methylnaphthalene	12.03	142	1032248	49.927	ng	100
38) 1-Methylnaphthalene	12.25	142	970266	49.999	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	503857	54.393	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	512758	104.119 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	346130	52.798 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	378013	49.796 ng	98
46) 1,1'-Biphenyl	13.06	154	1231703	53.481 ng	99
47) 2-Chloronaphthalene	13.10	162	991072	52.609 ng	99
48) 2-Nitroaniline	13.30	65	308414	51.284 ng	99
49) Acenaphthylene	13.95	152	1535242	51.059 ng	99
50) Dimethylphthalate	13.70	163	1299994	53.990 ng	100
51) 2,6-Dinitrotoluene	13.81	165	262857	50.268 ng	94
52) Acenaphthene	14.30	154	908822	51.596 ng	99
53) 3-Nitroaniline	14.14	138	128068	21.449 ng	97
54) 2,4-Dinitrophenol	14.35	184	248062	80.458 ng	99
55) Dibenzofuran	14.64	168	1443494	50.900 ng	99
56) 4-Nitrophenol	14.47	139	468864	98.899 ng	97
57) 2,4-Dinitrotoluene	14.61	165	358337	50.344 ng	98
58) Fluorene	15.29	166	1070418	47.988 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	323640	53.707 ng	99
60) Diethylphthalate	15.08	149	1162570	48.187 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	537744	51.237 ng	99
62) 4-Nitroaniline	15.31	138	249369	43.466 ng	97
63) Azobenzene	15.59	77	1207968	50.300 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	188601	47.862 ng	97
66) n-Nitrosodiphenylamine	15.51	169	998275	52.331 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	357207	50.495 ng	97
68) Hexachlorobenzene	16.31	284	392643	52.307 ng	99
69) Atrazine	16.47	200	331129	53.210 ng	99
70) Pentachlorophenol	16.65	266	477278	106.274 ng	99
71) Phenanthrene	17.03	178	1816473	52.001 ng	100
72) Anthracene	17.13	178	1863667	53.706 ng	99
73) Carbazole	17.40	167	1731746	50.730 ng	99
74) Di-n-butylphthalate	17.98	149	2087841	51.682 ng	99
75) Fluoranthene	19.02	202	2267344	54.377 ng	100
77) Benzidine	19.20	184	1000908	58.611 ng	99
78) Pyrene	19.37	202	2310241	49.351 ng	98
80) Butylbenzylphthalate	20.27	149	1003597	48.227 ng	97
81) Benzo(a)anthracene	21.09	228	2219909	50.888 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	709126	43.741 ng	99
83) Chrysene	21.14	228	2144283	51.882 ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1441820	47.631 ng	100
85) Di-n-octyl phthalate	21.90	149	2626695	49.473 ng	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	2895369	53.514 ng	99
88) Benzo(b)fluoranthene	22.64	252	2402586	51.504 ng	99
89) Benzo(k)fluoranthene	22.69	252	2425704	54.728 ng	99
90) Benzo(a)pyrene	23.20	252	2282127	52.204 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	2356140	54.289 ng	98
92) Benzo(g,h,i)perylene	26.20	276	2433517	54.139 ng	97

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

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