Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
Data File : BP002431.D
Acq On : 17 Jun 2020 21:59
Operator : CG/JU
Sample : L3030-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01(8-10)MSD

Quant Time: Jun 18 00:51:45 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	152992	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	634633	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	369486	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	754815	20.00	ng	0.00
76) Chrysene-d12	21.10	240	672214	20.00	ng	-0.01
86) Perylene-d12	23.29	264	763378	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1373530	166.13	ng	0.00
7) Phenol-d6	6.78	99	1866359	169.55	ng	0.00
23) Nitrobenzene-d5	8.73	82	1218964	114.70	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	560455	158.43	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2371231	107.91	ng	0.00
79) Terphenyl-d14	19.58	244	3083211	133.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	188023	49.369	ng	99
3) Pyridine	3.53	79	525606	50.777	ng	98
4) n-Nitrosodimethylamine	3.45	42	244181	57.242	ng	98
6) Aniline	6.92	93	660435	44.115	ng	99
8) 2-Chlorophenol	7.16	128	561406	60.389	ng	98
9) Benzaldehyde	6.73	77	307379	61.217	ng	96
10) Phenol	6.80	94	752135	62.998	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	569670	57.150	ng	99
12) 1,3-Dichlorobenzene	7.48	146	575543	53.764	ng	99
13) 1,4-Dichlorobenzene	7.62	146	585957	54.405	ng	99
14) 1,2-Dichlorobenzene	7.93	146	561125	54.387	ng	99
15) Benzyl Alcohol	7.83	79	489882	57.417	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	776096	54.874	ng	99
17) 2-Methylphenol	8.04	107	486294	55.742	ng	100
18) Hexachloroethane	8.66	117	218928	55.796	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	426045	57.903	ng	98
20) 3+4-Methylphenols	8.36	107	649392	55.156	ng	98
22) Acetophenone	8.40	105	798003	55.969	ng	99
24) Nitrobenzene	8.78	77	661558	57.912	ng	98
25) Isophorone	9.30	82	1197995	55.351	ng	100
26) 2-Nitrophenol	9.48	139	300562	59.046	ng	98
27) 2,4-Dimethylphenol	9.56	122	496940	62.229	ng	98
28) bis(2-Chloroethoxy)methane	9.79	93	757480	58.757	ng	100
29) 2,4-Dichlorophenol	10.02	162	523036	58.185	ng	98
30) 1,2,4-Trichlorobenzene	10.23	180	541649	54.056	ng	99
31) Naphthalene	10.41	128	1644849	55.789	ng	100
32) Benzoic acid	9.71	122	373221	55.857	ng	99
33) 4-Chloroaniline	10.52	127	232102	18.033	ng	99
34) Hexachlorobutadiene	10.71	225	305929	52.319	ng	98
35) Caprolactam	11.28	113	172000	54.250	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	571579	58.766	ng	99
37) 2-Methylnaphthalene	12.03	142	1178199	56.301	ng	98
38) 1-Methylnaphthalene	12.25	142	1116173	56.826	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	550108	56.480	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	668361	129.075 ng	100
43) 2,4,6-Trichlorophenol	12.66	196	399959	58.024 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	431364	54.043 ng	98
46) 1,1'-Biphenyl	13.06	154	1425859	58.882 ng	99
47) 2-Chloronaphthalene	13.10	162	1107335	55.904 ng	98
48) 2-Nitroaniline	13.30	65	364895	57.707 ng	97
49) Acenaphthylene	13.95	152	1775865	56.172 ng	99
50) Dimethylphthalate	13.70	163	1529882	60.429 ng	99
51) 2,6-Dinitrotoluene	13.81	165	305908	55.638 ng	93
52) Acenaphthene	14.30	154	1047013	56.533 ng	99
53) 3-Nitroaniline	14.14	138	205043	32.660 ng	100
54) 2,4-Dinitrophenol	14.35	184	350711	107.225 ng	99
55) Dibenzofuran	14.64	168	1648483	55.284 ng	99
56) 4-Nitrophenol	14.47	139	538532	108.036 ng	94
57) 2,4-Dinitrotoluene	14.60	165	410325	54.827 ng	93
58) Fluorene	15.29	166	1211755	51.666 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	362997	57.291 ng	99
60) Diethylphthalate	15.09	149	1335803	52.658 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	616941	57.812 ng	97
62) 4-Nitroaniline	15.31	138	276786	45.884 ng	99
63) Azobenzene	15.59	77	1459761	57.811 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	241609	60.659 ng	93
66) n-Nitrosodiphenylamine	15.51	169	1132736	58.745 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	396016	55.384 ng	98
68) Hexachlorobenzene	16.30	284	429326	56.582 ng	94
69) Atrazine	16.47	200	350157	55.667 ng	99
70) Pentachlorophenol	16.65	266	527138	116.122 ng	99
71) Phenanthrene	17.03	178	2041420	57.816 ng	99
72) Anthracene	17.13	178	2060649	58.749 ng	98
73) Carbazole	17.40	167	1877784	54.420 ng	100
74) Di-n-butylphthalate	17.98	149	2257903	55.294 ng	100
75) Fluoranthene	19.02	202	2339441	55.507 ng	99
77) Benzidine	19.20	184	1251054	83.289 ng	99
78) Pyrene	19.37	202	2358667	57.284 ng	99
80) Butylbenzylphthalate	20.26	149	992208	54.208 ng	96
81) Benzo(a)anthracene	21.08	228	2141605	55.815 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	716341	50.236 ng	99
83) Chrysene	21.13	228	2083273	57.307 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1466483	55.079 ng	100
85) Di-n-octyl phthalate	21.90	149	2518305	53.926 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2903640	60.813 ng	99
88) Benzo(b)fluoranthene	22.64	252	2355606	57.221 ng	99
89) Benzo(k)fluoranthene	22.68	252	2327414	59.503 ng	98
90) Benzo(a)pyrene	23.20	252	2214571	57.404 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2368302	61.835 ng	99
92) Benzo(g,h,i)perylene	26.18	276	2409432	60.741 ng	99

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

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