Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002696.D
Acq On : 09 Jul 2020 14:21
Operator : CG/JU
Sample : PB130047BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130047BS

Manual Integrations APPROVED
mohammad
7/10/2020 11:52:06 AM

Quant Time: Jul 09 14:56:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	206227	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	748700	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	424057	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	801512	20.00	ng	0.00
76) Chrysene-d12	21.09	240	692253	20.00	ng	0.00
86) Perylene-d12	23.28	264	733075	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1509906	123.96	ng	0.00
7) Phenol-d6	6.78	99	1896497	111.55	ng	0.00
23) Nitrobenzene-d5	8.72	82	1201650	82.70	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	516659	100.17	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2309081	80.14	ng	0.00
79) Terphenyl-d14	19.57	244	2784070	86.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	202468	38.784	ng	99
3) Pyridine	3.52	79	563361	36.411	ng	98
4) n-Nitrosodimethylamine	3.44	42	246587	37.545	ng	86
6) Aniline	6.90	93	722389	33.824	ng	99
8) 2-Chlorophenol	7.14	128	564649	41.732	ng	97
9) Benzaldehyde	6.72	77	189472	18.940	ng	96
10) Phenol	6.80	94	718342	41.900	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	573637	40.767	ng	99
12) 1,3-Dichlorobenzene	7.46	146	621110	39.782	ng	99
13) 1,4-Dichlorobenzene	7.60	146	627191	39.431	ng	99
14) 1,2-Dichlorobenzene	7.92	146	579173	37.828	ng	99
15) Benzyl Alcohol	7.81	79	456498	35.735	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	791063	40.350	ng	99
17) 2-Methylphenol	8.03	107	461041	35.928	ng	98
18) Hexachloroethane	8.63	117	231001	40.239	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	399436	35.810	ng	97
20) 3+4-Methylphenols	8.36	107	603306	34.872	ng	97
22) Acetophenone	8.38	105	760822	40.148	ng	98
24) Nitrobenzene	8.76	77	627201	40.779	ng	99
25) Isophorone	9.28	82	1115823	38.313	ng	99
26) 2-Nitrophenol	9.46	139	290054	41.351	ng	97
27) 2,4-Dimethylphenol	9.55	122	471141	44.326	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	718104	42.925	ng	99
29) 2,4-Dichlorophenol	10.01	162	501714	40.957	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	564621	40.942	ng	98
31) Naphthalene	10.39	128	1609100	40.599	ng	98
32) Benzoic acid	9.71	122	238848	32.125	ng	97
33) 4-Chloroaniline	10.50	127	348114	20.080	ng	99
34) Hexachlorobutadiene	10.69	225	314826	37.297	ng	97
35) Caprolactam	11.27	113	149619	36.335	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	499858	37.231	ng	99
37) 2-Methylnaphthalene	12.02	142	1108716	38.366	ng	98
38) 1-Methylnaphthalene	12.23	142	1055019	38.763	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	556675	42.041	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	554546	80.216 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	366057	40.857 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	389526	37.768 ng	96
46) 1,1'-Biphenyl	13.05	154	1333268	41.565 ng	99
47) 2-Chloronaphthalene	13.08	162	1064120	40.753 ng	95
48) 2-Nitroaniline	13.29	65	323585	38.846 ng	96
49) Acenaphthylene	13.93	152	1645388	40.040 ng	98
50) Dimethylphthalate	13.69	163	1259847	37.826 ng	99
51) 2,6-Dinitrotoluene	13.80	165	276916	38.497 ng	96
52) Acenaphthene	14.28	154	981490	40.482 ng	99
53) 3-Nitroaniline	14.13	138	194105	24.783 ng	97
54) 2,4-Dinitrophenol	14.35	184	233927	54.259 ng	93
55) Dibenzofuran	14.62	168	1518875	38.657 ng	98
56) 4-Nitrophenol	14.48	139	410504	66.807 ng	90
57) 2,4-Dinitrotoluene	14.60	165	364999	37.721 ng	97
58) Fluorene	15.27	166	1146001	38.297 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	323293	38.803 ng	98
60) Diethylphthalate	15.06	149	1200068	36.235 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	584923	36.449 ng	93
62) 4-Nitroaniline	15.30	138	279173	35.662 ng	89
63) Azobenzene	15.57	77	1280254	39.978 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	196196	38.594 ng	96
66) n-Nitrosodiphenylamine	15.49	169	1040330	44.462 ng	98
67) 4-Bromophenyl-phenylether	16.17	248	366142	40.651 ng	95
68) Hexachlorobenzene	16.29	284	394834	40.919 ng	94
69) Atrazine	16.46	200	324446	43.214 ng	99
70) Pentachlorophenol	16.65	266	371828	67.846 ng	96
71) Phenanthrene	17.02	178	1812647	42.033 ng	100
72) Anthracene	17.11	178	1860160	43.347 ng	99
73) Carbazole	17.39	167	1670348	40.275 ng	99
74) Di-n-butylphthalate	17.96	149	1963808	40.206 ng	99
75) Fluoranthene	19.01	202	2047236	39.219 ng	99
77) Benzidine	19.19	184	904340	48.546 ng	100
78) Pyrene	19.36	202	2050110	43.509 ng	99
80) Butylbenzylphthalate	20.25	149	836657	40.672 ng	98
81) Benzo(a)anthracene	21.07	228	1861182	41.124 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	547521	33.045 ng	95
83) Chrysene	21.12	228	1780830	41.035 ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1195250	40.463 ng	99
85) Di-n-octyl phthalate	21.89	149	2113633	40.512 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2421445	45.876 ng	96
88) Benzo(b)fluoranthene	22.63	252	2005089	42.865 ng	99
89) Benzo(k)fluoranthene	22.67	252	1872625m	42.913 ng	
90) Benzo(a)pyrene	23.19	252	1802242	41.985 ng	97
91) Dibenzo(a,h)anthracene	25.51	278	2002537	46.430 ng	97
92) Benzo(g,h,i)perylene	26.17	276	1999103	46.345 ng	97

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

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