Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062420\
Data File : BP002520.D
Acq On : 24 Jun 2020 13:31
Operator : CG/JU
Sample : PB129731BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129731BS

Manual Integrations APPROVED
mohammad
6/25/2020 1:07:26 PM

Quant Time: Jun 24 14:45:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 24 13:54:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	138381	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	549949	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	332663	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	721056	20.00	ng		0.00
76) Chrysene-d12	21.09	240	696513	20.00	ng		0.00
86) Perylene-d12	23.29	264	779618	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	956882	127.95	ng		0.00
7) Phenol-d6	6.78	99	1219410	122.47	ng		0.00
23) Nitrobenzene-d5	8.72	82	788700	85.64	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	415296	130.39	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1669157	84.37	ng		0.00
79) Terphenyl-d14	19.57	244	2442393	92.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	129468	37.583	ng		99
3) Pyridine	3.53	79	367015	39.199	ng		98
4) n-Nitrosodimethylamine	3.45	42	181341	46.999	ng		99
6) Aniline	6.91	93	515763	38.089	ng		99
8) 2-Chlorophenol	7.15	128	391778	46.592	ng		97
9) Benzaldehyde	6.73	77	203484	38.111	ng		97
10) Phenol	6.80	94	503405	46.617	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	381026	42.261	ng		99
12) 1,3-Dichlorobenzene	7.47	146	425672	43.962	ng		100
13) 1,4-Dichlorobenzene	7.62	146	430006	44.141	ng		99
14) 1,2-Dichlorobenzene	7.93	146	411362	44.081	ng		99
15) Benzyl Alcohol	7.82	79	338365	43.846	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.12	45	527832	41.261	ng		100
17) 2-Methylphenol	8.03	107	333714	42.292	ng		100
18) Hexachloroethane	8.65	117	157846	44.477	ng		95
19) n-Nitroso-di-n-propylamine	8.39	70	289543	43.506	ng		97
20) 3+4-Methylphenols	8.36	107	445462	41.830	ng		96
22) Acetophenone	8.39	105	555293	44.943	ng	#	98
24) Nitrobenzene	8.77	77	453872	45.850	ng		100
25) Isophorone	9.29	82	809352	43.153	ng		98
26) 2-Nitrophenol	9.48	139	208209	47.201	ng		98
27) 2,4-Dimethylphenol	9.55	122	339000	48.988	ng		99
28) bis(2-Chloroethoxy)methane	9.78	93	502964	45.022	ng		99
29) 2,4-Dichlorophenol	10.01	162	373476	47.944	ng		99
30) 1,2,4-Trichlorobenzene	10.22	180	400569	46.132	ng		95
31) Naphthalene	10.40	128	1170217	45.802	ng		100
32) Benzoic acid	9.70	122	190848	34.846	ng		97
33) 4-Chloroaniline	10.51	127	323854	29.035	ng		99
34) Hexachlorobutadiene	10.70	225	230380	45.466	ng		97
35) Caprolactam	11.27	113	121394m	44.184	ng		
36) 4-Chloro-3-methylphenol	11.66	107	399435	47.391	ng		100
37) 2-Methylnaphthalene	12.02	142	844886	46.590	ng		100
38) 1-Methylnaphthalene	12.25	142	797893	46.877	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	408950	46.635	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	497152	106.638	ng	98
43) 2,4,6-Trichlorophenol	12.65	196	288951	46.559	ng	99
44) 2,4,5-Trichlorophenol	12.72	196	319151	44.411	ng	99
46) 1,1'-Biphenyl	13.06	154	1027783	47.141	ng	99
47) 2-Chloronaphthalene	13.09	162	824169	46.214	ng	98
48) 2-Nitroaniline	13.30	65	263103	46.215	ng	99
49) Acenaphthylene	13.95	152	1305180	45.853	ng	99
50) Dimethylphthalate	13.69	163	1019240	44.715	ng	99
51) 2,6-Dinitrotoluene	13.80	165	227300	45.917	ng	98
52) Acenaphthene	14.29	154	766191	45.949	ng	97
53) 3-Nitroaniline	14.13	138	175418	31.034	ng	95
54) 2,4-Dinitrophenol	14.35	184	259931	88.759	ng	97
55) Dibenzofuran	14.63	168	1230501	45.834	ng	99
56) 4-Nitrophenol	14.46	139	400677	89.278	ng	99
57) 2,4-Dinitrotoluene	14.60	165	313848	46.578	ng	99
58) Fluorene	15.29	166	924111	43.763	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	272922	47.843	ng	99
60) Diethylphthalate	15.07	149	1022910	44.787	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	470577	46.129	ng	99
62) 4-Nitroaniline	15.30	138	237983	43.818	ng	99
63) Azobenzene	15.58	77	1033574	45.463	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	187019	49.152	ng	98
66) n-Nitrosodiphenylamine	15.50	169	859976	46.688	ng	99
67) 4-Bromophenyl-phenylether	16.18	248	309615	45.327	ng	97
68) Hexachlorobenzene	16.30	284	337421	46.552	ng	99
69) Atrazine	16.47	200	291990	48.593	ng	99
70) Pentachlorophenol	16.65	266	405595	93.531	ng	100
71) Phenanthrene	17.03	178	1586780	47.044	ng	99
72) Anthracene	17.12	178	1606344	47.941	ng	99
73) Carbazole	17.39	167	1498141	45.450	ng	99
74) Di-n-butylphthalate	17.97	149	1787460	45.823	ng	100
75) Fluoranthene	19.01	202	1923960	47.786	ng	98
77) Benzidine	19.19	184	1134914	72.921	ng	99
78) Pyrene	19.36	202	1944537	45.578	ng	100
80) Butylbenzylphthalate	20.26	149	825759	43.541	ng	99
81) Benzo(a)anthracene	21.08	228	1852221	46.589	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	552024	37.362	ng	97
83) Chrysene	21.13	228	1793020	47.602	ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1211934	43.931	ng	99
85) Di-n-octyl phthalate	21.90	149	2102753	43.457	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2325936	47.699	ng	99
88) Benzo(b)fluoranthene	22.63	252	1948818	46.353	ng	100
89) Benzo(k)fluoranthene	22.67	252	1964725	49.184	ng	98
90) Benzo(a)pyrene	23.19	252	1816490	46.105	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1912219	48.887	ng	99
92) Benzo(g,h,i)perylene	26.17	276	1965004	48.505	ng	98

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

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