Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002691.D
Acq On : 09 Jul 2020 11:13
Operator : CG/JU
Sample : PB129999BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129999BS

Manual Integrations APPROVED
mohammad
7/10/2020 11:52:03 AM

Quant Time: Jul 09 14:18:43 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	202791	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	752976	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	419026	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	816572	20.00	ng	0.00
76) Chrysene-d12	21.09	240	701287	20.00	ng	0.00
86) Perylene-d12	23.28	264	748704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1357969	113.38	ng	0.00
7) Phenol-d6	6.78	99	1715538	102.62	ng	0.00
23) Nitrobenzene-d5	8.72	82	1076694	73.68	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	471715	92.56	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2130524	74.83	ng	0.00
79) Terphenyl-d14	19.57	244	2626001	80.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	187401	36.506	ng	99
3) Pyridine	3.52	79	525585	34.545	ng	98
4) n-Nitrosodimethylamine	3.44	42	228480	35.378	ng	84
6) Aniline	6.90	93	582377	27.731	ng	99
8) 2-Chlorophenol	7.14	128	521429	39.191	ng	98
9) Benzaldehyde	6.72	77	183798	18.653	ng	98
10) Phenol	6.80	94	661769	39.254	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	534370	38.620	ng	100
12) 1,3-Dichlorobenzene	7.46	146	575512	37.486	ng	99
13) 1,4-Dichlorobenzene	7.60	146	582132	37.218	ng	99
14) 1,2-Dichlorobenzene	7.92	146	543799	36.119	ng	99
15) Benzyl Alcohol	7.81	79	423159	33.687	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	735064	38.129	ng	99
17) 2-Methylphenol	8.03	107	426619	33.809	ng	97
18) Hexachloroethane	8.63	117	213186	37.765	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	369747	33.710	ng	97
20) 3+4-Methylphenols	8.36	107	554673	32.604	ng	97
22) Acetophenone	8.38	105	710078	37.258	ng	98
24) Nitrobenzene	8.76	77	579375	37.456	ng	99
25) Isophorone	9.28	82	1032374	35.247	ng	98
26) 2-Nitrophenol	9.46	139	270276	38.312	ng	96
27) 2,4-Dimethylphenol	9.55	122	435959	40.783	ng	96
28) bis(2-Chloroethoxy)methane	9.77	93	663596	39.441	ng	99
29) 2,4-Dichlorophenol	10.01	162	458756	37.238	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	512760	36.970	ng	97
31) Naphthalene	10.39	128	1486992	37.305	ng	99
32) Benzoic acid	9.70	122	212744	29.446	ng	98
33) 4-Chloroaniline	10.51	127	241144	13.831	ng	99
34) Hexachlorobutadiene	10.69	225	293042	34.519	ng	98
35) Caprolactam	11.27	113	136994	33.080	ng	97
36) 4-Chloro-3-methylphenol	11.66	107	460266	34.087	ng	97
37) 2-Methylnaphthalene	12.01	142	1043602	35.907	ng	97
38) 1-Methylnaphthalene	12.23	142	969503	35.419	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	512727	39.187	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	499639	73.528	ng	99
43) 2,4,6-Trichlorophenol	12.65	196	335591	37.907	ng	98
44) 2,4,5-Trichlorophenol	12.73	196	355664	34.899	ng	98
46) 1,1'-Biphenyl	13.05	154	1228317	38.753	ng	98
47) 2-Chloronaphthalene	13.08	162	979488	37.962	ng	97
48) 2-Nitroaniline	13.29	65	297233	36.110	ng	95
49) Acenaphthylene	13.93	152	1527347	37.613	ng	99
50) Dimethylphthalate	13.69	163	1153858	35.060	ng	100
51) 2,6-Dinitrotoluene	13.80	165	256933	36.148	ng	96
52) Acenaphthene	14.28	154	894296	37.328	ng	98
53) 3-Nitroaniline	14.13	138	159108	20.558	ng	99
54) 2,4-Dinitrophenol	14.35	184	202936	48.369	ng	93
55) Dibenzofuran	14.62	168	1436066	36.988	ng	97
56) 4-Nitrophenol	14.48	139	372536	61.555	ng	92
57) 2,4-Dinitrotoluene	14.60	165	337632	35.311	ng	97
58) Fluorene	15.27	166	1060937	35.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	298448	36.251	ng	98
60) Diethylphthalate	15.06	149	1103116	33.707	ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	549314	34.641	ng	94
62) 4-Nitroaniline	15.30	138	258371	33.401	ng	88
63) Azobenzene	15.57	77	1171242	37.013	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	179010	34.847	ng	98
66) n-Nitrosodiphenylamine	15.49	169	968477	40.628	ng	97
67) 4-Bromophenyl-phenylether	16.17	248	345189	37.618	ng	95
68) Hexachlorobenzene	16.29	284	369345	37.571	ng	97
69) Atrazine	16.46	200	299333	39.134	ng	99
70) Pentachlorophenol	16.65	266	346141	62.224	ng	98
71) Phenanthrene	17.02	178	1684473	38.340	ng	99
72) Anthracene	17.11	178	1732939	39.637	ng	99
73) Carbazole	17.39	167	1564216	37.021	ng	99
74) Di-n-butylphthalate	17.96	149	1798043	36.134	ng	99
75) Fluoranthene	19.00	202	1914953	36.008	ng	98
77) Benzidine	19.19	184	665304	29.831	ng	100
78) Pyrene	19.36	202	1937644	40.592	ng	100
80) Butylbenzylphthalate	20.25	149	795260	38.161	ng	99
81) Benzo(a)anthracene	21.07	228	1736036	37.865	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	475759	28.344	ng	97
83) Chrysene	21.12	228	1679034	38.191	ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1150604	38.450	ng	99
85) Di-n-octyl phthalate	21.88	149	2016153	38.146	ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2324533	43.120	ng	96
88) Benzo(b)fluoranthene	22.63	252	1801852	37.716	ng	99
89) Benzo(k)fluoranthene	22.67	252	1850163m	41.513	ng	
90) Benzo(a)pyrene	23.19	252	1750964	39.939	ng	97
91) Dibenzo(a,h)anthracene	25.51	278	1928949	43.790	ng	98
92) Benzo(g,h,i)perylene	26.17	276	1888393	42.864	ng	97

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

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