Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002942.D
Acq On : 11 Aug 2020 17:18
Operator : CG/JU
Sample : PB130895BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB130895BS

Manual Integrations APPROVED
mohammad
8/12/2020 1:46:53 PM

Quant Time: Aug 11 17:55:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	512797	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	2063455	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	1143111	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	2022792	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1449058	20.00	ng	0.00
86) Perylene-d12	23.43	264	1347098	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	3004040	89.66	ng	0.00
7) Phenol-d6	6.88	99	3582799	77.02	ng	0.00
23) Nitrobenzene-d5	8.85	82	1976351	51.88	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	1083570	76.27	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	5222522	62.42	ng	0.00
79) Terphenyl-d14	19.67	244	4939112	68.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	344232	23.934	ng	100
3) Pyridine	3.63	79	824168	20.568	ng	99
4) n-Nitrosodimethylamine	3.55	42	293280	24.916	ng	99
6) Aniline	7.03	93	1508087	27.944	ng	98
8) 2-Chlorophenol	7.27	128	1254126	35.106	ng	99
9) Benzaldehyde	6.84	77	629761	25.427	ng	100
10) Phenol	6.90	94	1387814	29.623	ng	99
11) bis(2-Chloroethyl)ether	7.13	93	1036326	28.759	ng	99
12) 1,3-Dichlorobenzene	7.59	146	1319823	32.733	ng	100
13) 1,4-Dichlorobenzene	7.74	146	1341174	32.907	ng	99
14) 1,2-Dichlorobenzene	8.05	146	1293892	33.290	ng	99
15) Benzyl Alcohol	7.94	79	808782	26.351	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	903290	26.682	ng	99
17) 2-Methylphenol	8.15	107	964371	32.213	ng	99
18) Hexachloroethane	8.78	117	447457	31.477	ng	98
19) n-Nitroso-di-n-propylamine	8.50	70	662035	24.700	ng	98
20) 3+4-Methylphenols	8.47	107	1284089	31.826	ng	98
22) Acetophenone	8.52	105	1622388	27.867	ng	99
24) Nitrobenzene	8.89	77	1014919	24.538	ng	100
25) Isophorone	9.42	82	1948268	23.804	ng	99
26) 2-Nitrophenol	9.60	139	584592	35.193	ng	99
27) 2,4-Dimethylphenol	9.67	122	1117206	34.277	ng	100
28) bis(2-Chloroethoxy)methane	9.90	93	1346458	29.487	ng	100
29) 2,4-Dichlorophenol	10.13	162	1109264	32.336	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	1168360	29.136	ng	98
31) Naphthalene	10.53	128	3638147	30.800	ng	100
32) Benzoic acid	9.80	122	613936	34.585	ng	98
33) 4-Chloroaniline	10.63	127	936774	19.136	ng	100
34) Hexachlorobutadiene	10.83	225	636524	25.938	ng	99
35) Caprolactam	11.39	113	310898	29.291	ng	98
36) 4-Chloro-3-methylphenol	11.77	107	1030320	28.894	ng	99
37) 2-Methylnaphthalene	12.15	142	2626639	31.261	ng	99
38) 1-Methylnaphthalene	12.37	142	2467946	31.203	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1175840	28.610	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	1570593	73.665 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	780362	32.761 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	853625	32.667 ng	99
46) 1,1'-Biphenyl	13.17	154	3179543	33.646 ng	100
47) 2-Chloronaphthalene	13.21	162	2401759	32.457 ng	99
48) 2-Nitroaniline	13.40	65	460798	26.871 ng	98
49) Acenaphthylene	14.06	152	3816847	32.889 ng	99
50) Dimethylphthalate	13.80	163	2798829	31.305 ng	100
51) 2,6-Dinitrotoluene	13.91	165	604974	31.104 ng	99
52) Acenaphthene	14.40	154	2550147m	34.189 ng	
53) 3-Nitroaniline	14.23	138	419649	21.751 ng	99
54) 2,4-Dinitrophenol	14.45	184	514925	62.596 ng	95
55) Dibenzofuran	14.74	168	3471252	30.340 ng	99
56) 4-Nitrophenol	14.55	139	1036601	65.385 ng	98
57) 2,4-Dinitrotoluene	14.70	165	770497	30.515 ng	100
58) Fluorene	15.39	166	2689530	30.024 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	678275	31.109 ng	99
60) Diethylphthalate	15.18	149	2683372	30.715 ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	1317406	28.575 ng	99
62) 4-Nitroaniline	15.40	138	600177	29.889 ng	99
63) Azobenzene	15.69	77	2104626	23.929 ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	336989	34.278 ng	99
66) n-Nitrosodiphenylamine	15.60	169	2332507	34.817 ng	100
67) 4-Bromophenyl-phenylether	16.29	248	763330	31.018 ng	99
68) Hexachlorobenzene	16.40	284	861990	30.283 ng	99
69) Atrazine	16.56	200	631191	27.810 ng	99
70) Pentachlorophenol	16.75	266	1002046	67.887 ng	99
71) Phenanthrene	17.13	178	3858941	32.533 ng	99
72) Anthracene	17.22	178	3899137	33.633 ng	100
73) Carbazole	17.49	167	3434242	30.333 ng	99
74) Di-n-butylphthalate	18.07	149	4065373	34.135 ng	99
75) Fluoranthene	19.11	202	3901912	28.551 ng	98
77) Benzidine	19.29	184	2132352	48.258 ng	100
78) Pyrene	19.46	202	3930406	38.800 ng	99
80) Butylbenzylphthalate	20.35	149	1465141	36.395 ng	100
81) Benzo(a)anthracene	21.17	228	3230556	32.730 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	958024	24.522 ng	99
83) Chrysene	21.22	228	3037698	32.626 ng	99
84) Bis(2-ethylhexyl)phthalate	21.12	149	2163654	38.593 ng	99
85) Di-n-octyl phthalate	22.00	149	3330360	36.161 ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	3680301	34.113 ng	99
88) Benzo(b)fluoranthene	22.76	252	3024263	31.814 ng	99
89) Benzo(k)fluoranthene	22.80	252	3012569	33.529 ng	98
90) Benzo(a)pyrene	23.34	252	2721995	31.689 ng	99
91) Dibenzo(a,h)anthracene	25.75	278	3087510	33.625 ng	99
92) Benzo(g,h,i)perylene	26.43	276	3093442	34.839 ng	100

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

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