Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001122.D
Acq On : 02 Dec 2019 13:15
Operator : JU
Sample : PB125188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125188BS

Manual Integrations APPROVED
mohammad
12/4/2019 4:59:04 PM

Quant Time: Dec 02 14:04:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	178084	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	721788	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	398822	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	718191	20.00	ng		0.00
76) Chrysene-d12	19.27	240	576526	20.00	ng		0.00
87) Perylene-d12	21.05	264	550529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	1441342	134.28	ng		0.01
7) Phenol-d6	7.79	99	1890449	132.20	ng		0.02
23) Nitrobenzene-d5	9.22	82	1066128	64.08	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	444302	116.23	ng		0.01
45) 2-Fluorobiphenyl	12.15	172	1727053	63.38	ng		0.00
79) Terphenyl-d14	17.91	244	1940724	62.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	170476	34.002	ng		97
3) Pyridine	3.48	79	423990	30.476	ng		99
4) n-Nitrosodimethylamine	3.39	42	283379	47.071	ng		89
6) Aniline	7.80	93	661938	34.912	ng	#	1
8) 2-Chlorophenol	7.99	128	524301	47.210	ng		100
9) Benzaldehyde	7.62	77	216280	22.830	ng		100
10) Phenol	7.80	94	742952	45.675	ng		87
11) bis(2-Chloroethyl)ether	7.93	93	578823	45.697	ng		98
12) 1,3-Dichlorobenzene	8.23	146	542655	41.225	ng		99
13) 1,4-Dichlorobenzene	8.36	146	553593	41.749	ng		100
14) 1,2-Dichlorobenzene	8.59	146	531968	42.627	ng		100
15) Benzyl Alcohol	8.56	79	554043	47.198	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	880622	43.244	ng		98
17) 2-Methylphenol	8.75	107	471718	46.305	ng		97
18) Hexachloroethane	9.13	117	229085	41.763	ng		98
19) n-Nitroso-di-n-propylamine	9.00	70	457155	44.303	ng		98
20) 3+4-Methylphenols	9.00	107	585929	45.627	ng		98
22) Acetophenone	8.98	105	853755	40.244	ng	#	97
24) Nitrobenzene	9.25	77	690666	41.750	ng		98
25) Isophorone	9.64	82	1243650	41.688	ng		99
26) 2-Nitrophenol	9.75	139	260444	42.981	ng		95
27) 2,4-Dimethylphenol	9.85	122	472163	49.193	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	729632	38.981	ng		99
29) 2,4-Dichlorophenol	10.15	162	457079	41.841	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	503153	39.434	ng		99
31) Naphthalene	10.40	128	1508399	40.919	ng		100
32) Benzoic acid	10.05	122	299415	43.149	ng		98
33) 4-Chloroaniline	10.49	127	408784	25.554	ng		100
34) Hexachlorobutadiene	10.62	225	310225	38.650	ng		99
35) Caprolactam	11.08	113	149212m	39.632	ng		
36) 4-Chloro-3-methylphenol	11.31	107	538267	41.559	ng		96
37) 2-Methylnaphthalene	11.53	142	1033438	41.084	ng		98
38) 1-Methylnaphthalene	11.69	142	967162	40.703	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	487107	38.756	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	500756	86.363	ng		99
43) 2,4,6-Trichlorophenol	12.00	196	333189	40.601	ng		99
44) 2,4,5-Trichlorophenol	12.06	196	352043	41.403	ng		97
46) 1,1'-Biphenyl	12.30	154	1227003	39.809	ng		99
47) 2-Chloronaphthalene	12.32	162	956667	38.857	ng		98
48) 2-Nitroaniline	12.49	65	379232	39.302	ng		99
49) Acenaphthylene	13.00	152	1515715	41.071	ng		99
50) Dimethylphthalate	12.83	163	1164047	39.025	ng		99
51) 2,6-Dinitrotoluene	12.91	165	257740	40.365	ng		99
52) Acenaphthene	13.29	154	887722	39.989	ng		99
53) 3-Nitroaniline	13.17	138	211371	29.469	ng		99
54) 2,4-Dinitrophenol	13.35	184	182355	70.815	ng		90
55) Dibenzofuran	13.57	168	1335594	40.037	ng		99
56) 4-Nitrophenol	13.47	139	418946	82.428	ng		88
57) 2,4-Dinitrotoluene	13.56	165	325955	40.727	ng	#	87
58) Fluorene	14.13	166	1063779	39.797	ng		98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	290789	41.604	ng		98
60) Diethylphthalate	14.00	149	1198618	38.809	ng		99
61) 4-Chlorophenyl-phenylether	14.15	204	536929	39.446	ng		97
62) 4-Nitroaniline	12.49	138	317958	38.235	ng		94
63) Azobenzene	14.42	77	1342971	40.228	ng		98
65) 4,6-Dinitro-2-methylphenol	14.23	198	129848	42.920	ng		93
66) n-Nitrosodiphenylamine	14.35	169	928351	42.542	ng		99
67) 4-Bromophenyl-phenylether	14.95	248	317949	40.778	ng		95
68) Hexachlorobenzene	15.03	284	341946	39.891	ng		99
69) Atrazine	15.24	200	316951	47.570	ng		99
70) Pentachlorophenol	15.35	266	398686	89.237	ng		96
71) Phenanthrene	15.67	178	1564966	41.448	ng		100
72) Anthracene	15.75	178	1603796	43.095	ng		99
73) Carbazole	15.99	167	1445390	42.681	ng		99
74) Di-n-butylphthalate	16.55	149	1912838	42.011	ng		99
75) Fluoranthene	17.37	202	1734731	43.398	ng		99
77) Benzidine	17.56	184	552832	37.139	ng		99
78) Pyrene	17.68	202	1773748	39.062	ng		100
80) Butylbenzylphthalate	18.57	149	826607	39.412	ng		99
81) Benzo(a)anthracene	19.26	228	1608376	40.237	ng		99
82) 3,3'-Dichlorobenzidine	19.23	252	514197	38.938	ng		99
83) Chrysene	19.31	228	1442029	40.287	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1127586	39.103	ng		100
85) Di-n-octyl phthalate	20.10	149	2073099	40.471	ng		99
86) Indeno(1,2,3-cd)pyrene	22.71	276	1738445	41.211	ng		99
88) Benzo(b)fluoranthene	20.56	252	1552360	46.165	ng		99
89) Benzo(k)fluoranthene	20.60	252	1532277	47.311	ng		99
90) Benzo(a)pyrene	20.99	252	1424323	45.986	ng		99
91) Dibenzo(a,h)anthracene	22.74	278	1449822	47.832	ng		99
92) Benzo(g,h,i)perylene	23.21	276	1474706	49.272	ng		99

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

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