Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001127.D
Acq On : 02 Dec 2019 15:45
Operator : JU
Sample : PB125106BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125106BS

Manual Integrations APPROVED
mohammad
12/4/2019 4:59:09 PM

Quant Time: Dec 02 16:13:00 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	169246	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	696005	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	376809	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	685932	20.00	ng		0.00
76) Chrysene-d12	19.27	240	535633	20.00	ng		0.00
87) Perylene-d12	21.05	264	503255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.24	112	1325986	129.98	ng		0.01
7) Phenol-d6	7.78	99	1743045	128.25	ng		0.01
23) Nitrobenzene-d5	9.21	82	980728	61.13	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	406206	112.47	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1601050	62.19	ng		0.00
79) Terphenyl-d14	17.91	244	1748588	60.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	154386	32.401	ng		96
3) Pyridine	3.48	79	400012	30.253	ng		95
4) n-Nitrosodimethylamine	3.38	42	258137	45.117	ng		90
6) Aniline	7.80	93	618410	34.319	ng	#	14
8) 2-Chlorophenol	7.99	128	484986	45.951	ng		99
9) Benzaldehyde	7.62	77	196877	21.536	ng		98
10) Phenol	7.80	94	688102	44.512	ng		86
11) bis(2-Chloroethyl)ether	7.93	93	532798	44.260	ng		97
12) 1,3-Dichlorobenzene	8.23	146	490897	39.240	ng		99
13) 1,4-Dichlorobenzene	8.36	146	507674	40.285	ng		99
14) 1,2-Dichlorobenzene	8.59	146	486635	41.031	ng		99
15) Benzyl Alcohol	8.56	79	515480	46.206	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.79	45	805268	41.609	ng		99
17) 2-Methylphenol	8.75	107	431416	44.560	ng		97
18) Hexachloroethane	9.13	117	209064	40.103	ng		97
19) n-Nitroso-di-n-propylamine	9.00	70	417612	42.584	ng		96
20) 3+4-Methylphenols	9.00	107	542407	44.444	ng		96
22) Acetophenone	8.98	105	784583	38.354	ng	#	97
24) Nitrobenzene	9.25	77	639266	40.074	ng		99
25) Isophorone	9.64	82	1149774	39.969	ng		99
26) 2-Nitrophenol	9.75	139	234608	40.152	ng		94
27) 2,4-Dimethylphenol	9.85	122	435113	47.012	ng		96
28) bis(2-Chloroethoxy)methane	10.00	93	669225	37.079	ng		99
29) 2,4-Dichlorophenol	10.15	162	421176	39.983	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	460997	37.469	ng		97
31) Naphthalene	10.40	128	1397784	39.322	ng		99
32) Benzoic acid	10.05	122	277848	41.525	ng		99
33) 4-Chloroaniline	10.49	127	382604	24.803	ng		99
34) Hexachlorobutadiene	10.62	225	284940	36.815	ng		98
35) Caprolactam	11.07	113	135260m	37.257	ng		
36) 4-Chloro-3-methylphenol	11.30	107	494078	39.560	ng		100
37) 2-Methylnaphthalene	11.53	142	956285	39.425	ng		98
38) 1-Methylnaphthalene	11.69	142	896968	39.147	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	449415	37.846	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	446999	81.595	ng		100
43) 2,4,6-Trichlorophenol	12.00	196	303540	39.149	ng		98
44) 2,4,5-Trichlorophenol	12.06	196	321197	39.982	ng		98
46) 1,1'-Biphenyl	12.30	154	1132275	38.882	ng		100
47) 2-Chloronaphthalene	12.32	162	884788	38.037	ng		98
48) 2-Nitroaniline	12.49	65	346734	38.033	ng		100
49) Acenaphthylene	13.00	152	1402158	40.214	ng		100
50) Dimethylphthalate	12.83	163	1072063	38.041	ng		100
51) 2,6-Dinitrotoluene	12.90	165	235028	38.959	ng		90
52) Acenaphthene	13.29	154	819036	39.050	ng		99
53) 3-Nitroaniline	13.16	138	187541	27.674	ng		99
54) 2,4-Dinitrophenol	13.35	184	161148	66.695	ng		91
55) Dibenzofuran	13.57	168	1242458	39.421	ng		99
56) 4-Nitrophenol	13.47	139	378580	78.837	ng		90
57) 2,4-Dinitrotoluene	13.56	165	298944	39.534	ng	#	86
58) Fluorene	14.13	166	982421	38.900	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	265556	40.213	ng		97
60) Diethylphthalate	14.00	149	1089539	37.338	ng		100
61) 4-Chlorophenyl-phenylether	14.15	204	485441	37.747	ng		97
62) 4-Nitroaniline	12.49	138	290622	36.989	ng		94
63) Azobenzene	14.41	77	1239539	39.298	ng		97
65) 4,6-Dinitro-2-methylphenol	14.23	198	115174	40.307	ng		99
66) n-Nitrosodiphenylamine	14.35	169	852875	40.922	ng		99
67) 4-Bromophenyl-phenylether	14.95	248	290128	38.960	ng		97
68) Hexachlorobenzene	15.03	284	315805	38.574	ng		95
69) Atrazine	15.24	200	288785	45.381	ng		99
70) Pentachlorophenol	15.35	266	354191	83.006	ng		98
71) Phenanthrene	15.67	178	1447346	40.135	ng		99
72) Anthracene	15.75	178	1475340	41.507	ng		99
73) Carbazole	15.99	167	1323271	40.913	ng		99
74) Di-n-butylphthalate	16.55	149	1723783	39.639	ng		99
75) Fluoranthene	17.37	202	1580073	41.388	ng		99
77) Benzidine	17.56	184	465766	33.679	ng		99
78) Pyrene	17.68	202	1614252	38.264	ng		100
80) Butylbenzylphthalate	18.57	149	727187	37.319	ng		100
81) Benzo(a)anthracene	19.26	228	1439345	38.757	ng		99
82) 3,3'-Dichlorobenzidine	19.23	252	459113	37.421	ng		99
83) Chrysene	19.31	228	1289745	38.783	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1003040	37.440	ng		99
85) Di-n-octyl phthalate	20.10	149	1819139	38.225	ng		99
86) Indeno(1,2,3-cd)pyrene	22.71	276	1520673	38.800	ng		99
88) Benzo(b)fluoranthene	20.56	252	1382687	44.982	ng		100
89) Benzo(k)fluoranthene	20.60	252	1336907	45.157	ng		98
90) Benzo(a)pyrene	20.98	252	1248789	44.106	ng		99
91) Dibenzo(a,h)anthracene	22.74	278	1266832	45.721	ng		99
92) Benzo(g,h,i)perylene	23.21	276	1295515	47.351	ng		99

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

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