Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
Data File : BP001417.D
Acq On : 26 Dec 2019 12:57
Operator : JU
Sample : PB125704BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125704BSD

Manual Integrations APPROVED
mohammad
12/27/2019 3:17:59 PM

Quant Time: Dec 27 07:41:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	30701	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	118025	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	71695	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	141110	20.00	ng		0.00
76) Chrysene-d12	19.23	240	109319	20.00	ng		0.00
87) Perylene-d12	20.99	264	79319	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	214738	113.04	ng		0.01
7) Phenol-d6	7.76	99	287381	115.94	ng		0.00
23) Nitrobenzene-d5	9.17	82	214301	69.73	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	95525	106.57	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	417976	73.72	ng		0.00
79) Terphenyl-d14	17.87	244	499057	78.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	27068	34.625	ng		96
3) Pyridine	3.43	79	66621	31.196	ng		98
4) n-Nitrosodimethylamine	3.35	42	57469	42.499	ng	#	98
6) Aniline	7.76	93	87187	27.942	ng		95
8) 2-Chlorophenol	7.95	128	87023	45.568	ng		98
9) Benzaldehyde	7.58	77	24190	13.912	ng		96
10) Phenol	7.78	94	120533	42.559	ng	#	78
11) bis(2-Chloroethyl)ether	7.89	93	83947	41.898	ng		96
12) 1,3-Dichlorobenzene	8.19	146	98475	41.398	ng		98
13) 1,4-Dichlorobenzene	8.31	146	101486	41.876	ng		98
14) 1,2-Dichlorobenzene	8.55	146	96623	41.850	ng		98
15) Benzyl Alcohol	8.53	79	97656	41.988	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	112868	35.569	ng		94
17) 2-Methylphenol	8.72	107	74559	44.182	ng		97
18) Hexachloroethane	9.09	117	40154	38.948	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	72270	41.070	ng		99
20) 3+4-Methylphenols	8.97	107	100590	44.918	ng		99
22) Acetophenone	8.93	105	141429	37.894	ng	#	99
24) Nitrobenzene	9.20	77	114358	37.804	ng		98
25) Isophorone	9.59	82	188798	38.203	ng		98
26) 2-Nitrophenol	9.71	139	46909	43.488	ng		98
27) 2,4-Dimethylphenol	9.82	122	79007	49.800	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	103505	35.067	ng		98
29) 2,4-Dichlorophenol	10.11	162	81513	41.495	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	95548	39.543	ng		99
31) Naphthalene	10.36	128	260221	40.391	ng		98
32) Benzoic acid	10.01	122	42090	34.403	ng		95
33) 4-Chloroaniline	10.45	127	57052	21.654	ng		99
34) Hexachlorobutadiene	10.57	225	62483	37.074	ng		96
35) Caprolactam	11.03	113	25075m	42.898	ng		
36) 4-Chloro-3-methylphenol	11.28	107	91513	39.864	ng		97
37) 2-Methylnaphthalene	11.49	142	185827	41.780	ng		99
38) 1-Methylnaphthalene	11.65	142	175044	41.861	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	101472	38.278	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	82885	63.216	ng		99
43) 2,4,6-Trichlorophenol	11.96	196	63969	39.237	ng		99
44) 2,4,5-Trichlorophenol	12.03	196	69405	41.434	ng		97
46) 1,1'-Biphenyl	12.26	154	233836	38.975	ng		99
47) 2-Chloronaphthalene	12.28	162	184000	37.936	ng		98
48) 2-Nitroaniline	12.45	65	68577	35.309	ng		97
49) Acenaphthylene	12.95	152	280845	39.610	ng		99
50) Dimethylphthalate	12.78	163	220658	37.515	ng		99
51) 2,6-Dinitrotoluene	12.86	165	46125	38.621	ng	#	84
52) Acenaphthene	13.24	154	166173	38.899	ng		99
53) 3-Nitroaniline	13.12	138	30686	23.938	ng		96
54) 2,4-Dinitrophenol	13.30	184	41616	90.240	ng		90
55) Dibenzofuran	13.52	168	266471	39.812	ng		100
56) 4-Nitrophenol	13.45	139	69627	75.960	ng		98
57) 2,4-Dinitrotoluene	13.52	165	63796	38.432	ng	#	88
58) Fluorene	14.09	166	212635	39.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.73	232	55115m	38.324	ng		
60) Diethylphthalate	13.95	149	214781	35.404	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	111520	39.628	ng		98
62) 4-Nitroaniline	12.45	138	56084	37.781	ng		92
63) Azobenzene	14.36	77	231136	36.190	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	31165	49.314	ng		92
66) n-Nitrosodiphenylamine	14.30	169	180686	40.390	ng		99
67) 4-Bromophenyl-phenylether	14.90	248	65893	39.496	ng		92
68) Hexachlorobenzene	14.99	284	72639	38.245	ng		97
69) Atrazine	15.19	200	60020	37.351	ng		100
70) Pentachlorophenol	15.30	266	74081	76.058	ng		92
71) Phenanthrene	15.62	178	311923	38.745	ng		99
72) Anthracene	15.70	178	322575	40.475	ng		99
73) Carbazole	15.95	167	274042	38.568	ng		99
74) Di-n-butylphthalate	16.50	149	343213	35.198	ng		99
75) Fluoranthene	17.33	202	344756	38.297	ng		100
77) Benzidine	17.52	184	73238	23.010	ng		97
78) Pyrene	17.64	202	349756	41.206	ng		99
80) Butylbenzylphthalate	18.52	149	139972	35.372	ng		89
81) Benzo(a)anthracene	19.22	228	308357	38.710	ng		100
82) 3,3'-Dichlorobenzidine	19.19	252	96133	34.754	ng		98
83) Chrysene	19.26	228	295771	38.467	ng		99
84) Bis(2-ethylhexyl)phthalate	19.26	149	196066	33.766	ng		99
85) Di-n-octyl phthalate	20.04	149	320542	33.306	ng		97
86) Indeno(1,2,3-cd)pyrene	22.63	276	287563	34.630	ng		98
88) Benzo(b)fluoranthene	20.52	252	271336	52.089	ng		97
89) Benzo(k)fluoranthene	20.55	252	277222	55.868	ng		99
90) Benzo(a)pyrene	20.93	252	243006	51.209	ng		99
91) Dibenzo(a,h)anthracene	22.65	278	249033	53.674	ng		98
92) Benzo(g,h,i)perylene	23.12	276	237305	53.525	ng		97

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

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