Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000397.D
Acq On : 24 Sep 2019 21:02
Operator : JU
Sample : PB123345BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB123345BS

Manual Integrations APPROVED
mohammad
9/26/2019 8:25:03 AM

Quant Time: Sep 25 02:24:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	230035	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	895607	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	498171	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	923815	20.00	ng		0.00
76) Chrysene-d12	14.00	240	755388	20.00	ng		0.00
87) Perylene-d12	15.47	264	843393	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1509006	113.25	ng		0.01
7) Phenol-d6	6.43	99	1857043	113.69	ng		0.00
23) Nitrobenzene-d5	7.35	82	984262	70.91	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	557602	112.85	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2131933	77.02	ng		0.00
79) Terphenyl-d14	12.93	244	2558514	71.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	232543	38.673	ng		99
3) Pyridine	3.28	79	564359	34.864	ng		99
4) n-Nitrosodimethylamine	3.22	42	185116	40.555	ng		100
6) Aniline	6.45	93	765140	33.975	ng	#	73
8) 2-Chlorophenol	6.58	128	638369	44.490	ng		97
9) Benzaldehyde	6.33	77	337369	37.956	ng		98
10) Phenol	6.44	94	798119	43.008	ng		86
11) bis(2-Chloroethyl)ether	6.52	93	603462	42.464	ng		98
12) 1,3-Dichlorobenzene	6.73	146	706315	41.021	ng		98
13) 1,4-Dichlorobenzene	6.80	146	721667	42.125	ng		98
14) 1,2-Dichlorobenzene	6.96	146	673026	42.886	ng		99
15) Benzyl Alcohol	6.93	79	512303	43.100	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	546591	40.569	ng		99
17) 2-Methylphenol	7.05	107	523504	42.598	ng		99
18) Hexachloroethane	7.30	117	252781	39.872	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	359999	41.687	ng		98
20) 3+4-Methylphenols	7.20	107	654896	44.068	ng	#	86
22) Acetophenone	7.19	105	874645	45.064	ng	#	99
24) Nitrobenzene	7.36	77	616656	42.770	ng		96
25) Isophorone	7.60	82	1134284	41.267	ng		98
26) 2-Nitrophenol	7.69	139	332784	43.538	ng		98
27) 2,4-Dimethylphenol	7.73	122	569466	46.772	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	753016	41.190	ng		100
29) 2,4-Dichlorophenol	7.93	162	569674	43.656	ng		98
30) 1,2,4-Trichlorobenzene	8.01	180	613425	41.013	ng		100
31) Naphthalene	8.09	128	1816125	43.785	ng		99
32) Benzoic acid	7.83	122	318964	38.800	ng		99
33) 4-Chloroaniline	8.14	127	501351	26.708	ng		98
34) Hexachlorobutadiene	8.22	225	354106	39.957	ng		100
35) Caprolactam	8.49	113	186259m	41.960	ng		
36) 4-Chloro-3-methylphenol	8.63	107	569849	43.018	ng		99
37) 2-Methylnaphthalene	8.79	142	1248132	44.018	ng		100
38) 1-Methylnaphthalene	8.89	142	1161510	43.729	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	619793	43.514	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	577609	70.620	ng		100
43) 2,4,6-Trichlorophenol	9.06	196	414047	42.010	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	449193	44.509	ng		99
46) 1,1'-Biphenyl	9.25	154	1530856	44.421	ng		99
47) 2-Chloronaphthalene	9.28	162	1205623	41.704	ng		98
48) 2-Nitroaniline	9.37	65	297909	40.579	ng		98
49) Acenaphthylene	9.69	152	1893257	43.567	ng		100
50) Dimethylphthalate	9.55	163	1411106	41.575	ng		99
51) 2,6-Dinitrotoluene	9.61	165	323959	43.409	ng		95
52) Acenaphthene	9.86	154	1106657	40.355	ng		100
53) 3-Nitroaniline	9.78	138	251208	29.000	ng		94
54) 2,4-Dinitrophenol	9.89	184	247680	75.121	ng		94
55) Dibenzofuran	10.04	168	1720433	44.379	ng		99
56) 4-Nitrophenol	9.95	139	521149	80.888	ng		98
57) 2,4-Dinitrotoluene	10.02	165	429598	44.033	ng	#	85
58) Fluorene	10.38	166	1307913	43.680	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	368803	44.411	ng		99
60) Diethylphthalate	10.26	149	1387632	42.500	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	672026	43.723	ng		96
62) 4-Nitroaniline	10.40	138	351887	41.300	ng		98
63) Azobenzene	10.53	77	1218122	44.037	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	185448	42.692	ng		97
66) n-Nitrosodiphenylamine	10.49	169	1196547	43.026	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	425082	40.691	ng		95
68) Hexachlorobenzene	10.94	284	448120	39.238	ng	#	92
70) Pentachlorophenol	11.13	266	479719	77.124	ng		98
71) Phenanthrene	11.35	178	2027967	43.806	ng		100
72) Anthracene	11.40	178	2050391	43.028	ng		100
73) Carbazole	11.56	167	1914569	44.614	ng		99
74) Di-n-butylphthalate	11.90	149	2217437	40.823	ng		99
75) Fluoranthene	12.55	202	2228052	44.820	ng		98
77) Benzidine	12.67	184	1057965	39.216	ng		99
78) Pyrene	12.78	202	2293845	40.588	ng		100
80) Butylbenzylphthalate	13.41	149	981413	37.792	ng		96
81) Benzo(a)anthracene	13.99	228	1962985	41.139	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	661977	34.520	ng		99
83) Chrysene	14.02	228	1964413	41.930	ng		100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1273220	40.843	ng		99
85) Di-n-octyl phthalate	14.60	149	2351010	40.692	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	2348194	41.119	ng		99
88) Benzo(b)fluoranthene	15.05	252	2211219	43.949	ng		99
89) Benzo(k)fluoranthene	15.07	252	1884174	42.931	ng		99
90) Benzo(a)pyrene	15.42	252	2033304	44.413	ng		99
91) Dibenzo(a,h)anthracene	16.98	278	1923190	45.057	ng		99
92) Benzo(g,h,i)perylene	17.41	276	1954431	44.547	ng		99

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

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