Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
Data File : BP000064.D
Acq On : 04 Sep 2019 14:12
Operator : HP/JU
Sample : PB122788BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB122788BS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:22 AM

Quant Time: Sep 05 06:39:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	415718	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1617454	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	852220	20.00	ng		0.00
64) Phenanthrene-d10	11.43	188	1530704	20.00	ng		0.00
76) Chrysene-d12	14.10	240	1205370	20.00	ng		0.00
87) Perylene-d12	15.63	264	1255331	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	3115874	119.52	ng		0.01
7) Phenol-d6	6.52	99	3805167	115.62	ng		0.00
23) Nitrobenzene-d5	7.45	82	1895986	71.93	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	873393	121.59	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	3770235	73.88	ng		0.00
79) Terphenyl-d14	13.04	244	4259234	77.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	500241	41.716	ng		98
3) Pyridine	3.50	79	1204364	37.278	ng		97
4) n-Nitrosodimethylamine	3.44	42	414441	39.726	ng		93
6) Aniline	6.55	93	1683223	35.340	ng		99
8) 2-Chlorophenol	6.68	128	1270360	47.127	ng		97
9) Benzaldehyde	6.44	77	865994	42.671	ng		100
10) Phenol	6.53	94	1621170	44.336	ng		100
11) bis(2-Chloroethyl)ether	6.63	93	1272030	44.038	ng		96
12) 1,3-Dichlorobenzene	6.84	146	1374655	43.719	ng		97
13) 1,4-Dichlorobenzene	6.91	146	1398795	44.676	ng		99
14) 1,2-Dichlorobenzene	7.07	146	1313438	45.657	ng		97
15) Benzyl Alcohol	7.03	79	1049835	43.508	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1240756	39.944	ng		97
17) 2-Methylphenol	7.14	107	1048233	45.277	ng		98
18) Hexachloroethane	7.41	117	503509	43.359	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	791982	42.284	ng		99
20) 3+4-Methylphenols	7.29	107	1335307	46.246	ng		92
22) Acetophenone	7.30	105	1771566	45.728	ng	#	96
24) Nitrobenzene	7.47	77	1258157	44.058	ng		94
25) Isophorone	7.71	82	2362433	42.416	ng		97
26) 2-Nitrophenol	7.79	139	559633	50.322	ng		98
27) 2,4-Dimethylphenol	7.82	122	1129661	50.339	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	1564817	43.206	ng		99
29) 2,4-Dichlorophenol	8.03	162	1056201	45.772	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	1154484	43.886	ng		100
31) Naphthalene	8.20	128	3525099	47.502	ng		99
32) Benzoic acid	7.92	122	627644	42.814	ng		97
33) 4-Chloroaniline	8.24	127	862717	24.649	ng		95
34) Hexachlorobutadiene	8.32	225	652328	44.008	ng		99
35) Caprolactam	8.59	113	345859m	42.145	ng		
36) 4-Chloro-3-methylphenol	8.72	107	1105392	43.904	ng		95
37) 2-Methylnaphthalene	8.89	142	2414392	46.555	ng		98
38) 1-Methylnaphthalene	8.99	142	2281340	46.687	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1124278	46.608	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1284715	96.727	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	724280	43.540	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	803230	46.149	ng		93
46) 1,1'-Biphenyl	9.36	154	2825984	46.972	ng		98
47) 2-Chloronaphthalene	9.38	162	2218664	44.425	ng		99
48) 2-Nitroaniline	9.47	65	555525	41.182	ng		87
49) Acenaphthylene	9.80	152	3528989	47.622	ng		100
50) Dimethylphthalate	9.66	163	2528891	43.546	ng		99
51) 2,6-Dinitrotoluene	9.71	165	565435	45.871	ng		92
52) Acenaphthene	9.97	154	2300817	49.480	ng		99
53) 3-Nitroaniline	9.88	138	465150	31.587	ng	#	89
54) 2,4-Dinitrophenol	9.99	184	418059	89.339	ng	#	33
55) Dibenzofuran	10.15	168	3129818	47.400	ng		97
56) 4-Nitrophenol	10.03	139	980117	93.118	ng		90
57) 2,4-Dinitrotoluene	10.12	165	749966	47.656	ng		90
58) Fluorene	10.49	166	2364600	47.583	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	643289	48.814	ng		96
60) Diethylphthalate	10.36	149	2518851	43.332	ng		98
61) 4-Chlorophenyl-phenylether	10.48	204	1192956	46.186	ng		97
62) 4-Nitroaniline	10.50	138	620374	44.167	ng		95
63) Azobenzene	10.65	77	2445830	43.938	ng		95
65) 4,6-Dinitro-2-methylphenol	10.53	198	282007	47.893	ng		89
66) n-Nitrosodiphenylamine	10.60	169	2127428	46.781	ng		100
67) 4-Bromophenyl-phenylether	10.97	248	711296	45.725	ng		96
68) Hexachlorobenzene	11.05	284	733448	43.272	ng	#	88
69) Atrazine	11.13	200	643855	55.049	ng		97
70) Pentachlorophenol	11.24	266	898317	97.809	ng		99
71) Phenanthrene	11.46	178	3532983	46.308	ng		99
72) Anthracene	11.51	178	3543484	47.017	ng		100
73) Carbazole	11.66	167	3279645	46.103	ng		99
74) Di-n-butylphthalate	12.00	149	3904270	45.262	ng		99
75) Fluoranthene	12.66	202	3888205	46.899	ng		96
77) Benzidine	12.77	184	1936826	46.572	ng		97
78) Pyrene	12.89	202	3984744	44.936	ng		100
80) Butylbenzylphthalate	13.52	149	1734330	43.896	ng	#	90
81) Benzo(a)anthracene	14.09	228	3466617	44.382	ng		99
82) 3,3'-Dichlorobenzidine	14.05	252	1057923	36.715	ng		99
83) Chrysene	14.13	228	3324642	45.001	ng		100
84) Bis(2-ethylhexyl)phthalate	14.09	149	2402663	46.729	ng		99
85) Di-n-octyl phthalate	14.72	149	4214591	46.516	ng		97
86) Indeno(1,2,3-cd)pyrene	17.17	276	4071385	43.979	ng		98
88) Benzo(b)fluoranthene	15.17	252	3676236	47.944	ng		98
89) Benzo(k)fluoranthene	15.21	252	3379903	48.168	ng		99
90) Benzo(a)pyrene	15.56	252	3466144	50.076	ng		99
91) Dibenzo(a,h)anthracene	17.20	278	3366954	48.641	ng		99
92) Benzo(g,h,i)perylene	17.65	276	3331898	48.632	ng		97

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

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