Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090517\
Data File : BM011435.D
Acq On : 05 Sep 2017 16:59
Operator : SJ/JU
Sample : PB102058BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB102058BS

Manual Integrations APPROVED
Sohil
9/6/2017 5:16:15 PM

Quant Time: Sep 06 12:35:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	444869	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	1972865	20.00	ng		-0.01
38) Acenaphthene-d10	14.62	164	1122564	20.00	ng		-0.01
63) Phenanthrene-d10	17.36	188	2495336	20.00	ng		0.00
75) Chrysene-d12	21.52	240	3015968	20.00	ng		-0.01
86) Perylene-d12	23.90	264	2727368	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	3641879	137.80	ng		0.00
7) Phenol-d6	7.14	99	4766036	130.05	ng		0.00
23) Nitrobenzene-d5	9.15	82	2588443	86.46	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	1672853	128.80	ng		-0.01
44) 2-Fluorobiphenyl	13.24	172	6718242	86.27	ng		-0.01
78) Terphenyl-d14	19.96	244	8948331	73.62	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	342225	31.069	ng	#	100
3) Pyridine	3.84	79	1042259	30.898	ng	#	82
4) n-Nitrosodimethylamine	3.74	42	671279	38.974	ng	#	64
6) Aniline	7.32	93	671846	13.499	ng		93
8) 2-Chlorophenol	7.55	128	1235288	39.647	ng		89
9) Benzaldehyde	7.12	77	265834	12.479	ng		97
10) Phenol	7.16	94	1633023	40.534	ng	#	77
11) bis(2-Chloroethyl)ether	7.40	93	1263200	39.230	ng		83
12) 1,3-Dichlorobenzene	7.87	146	1228157	34.616	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1258576	34.882	ng		98
14) 1,2-Dichlorobenzene	8.34	146	1230687	35.240	ng		98
15) Benzyl Alcohol	8.22	79	744524	28.100	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	2049279	38.057	ng		93
17) 2-Methylphenol	8.42	107	1047964	40.624	ng		95
18) Hexachloroethane	9.07	117	432828	35.042	ng		92
19) n-Nitroso-di-n-propylamine	8.79	70	943295	35.056	ng	#	83
20) 3+4-Methylphenols	8.75	107	1400162	39.119	ng		98
22) Acetophenone	8.81	105	1778400	36.277	ng	#	90
24) Nitrobenzene	9.19	77	1320935	40.042	ng		93
25) Isophorone	9.72	82	2480867	36.983	ng		94
26) 2-Nitrophenol	9.90	139	537267	38.844	ng	#	82
27) 2,4-Dimethylphenol	9.95	122	1201044	38.399	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	1680757	36.717	ng		99
29) 2,4-Dichlorophenol	10.43	162	1166060	39.846	ng		97
30) 1,2,4-Trichlorobenzene	10.65	180	1153151	35.597	ng		99
31) Naphthalene	10.85	128	3880697	36.433	ng		99
32) Benzoic acid	10.07	122	605654	31.181	ng		98
33) 4-Chloroaniline	11.12	127	1586675m	34.050	ng		
34) Hexachlorobutadiene	11.12	225	627371	33.989	ng		96
35) Caprolactam	11.75	113	358055m	33.974	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1261250	36.695	ng		93
37) 2-Methylnaphthalene	12.45	142	2858895	38.562	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.81	216	1247417	36.926	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1623572	104.840	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	861573	38.529	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	925046	40.732	ng	#	89
45) 1,1'-Biphenyl	13.45	154	3587603	35.999	ng		97
46) 2-Chloronaphthalene	13.49	162	2695471	36.410	ng		95
47) 2-Nitroaniline	13.69	65	912142	39.871	ng	#	78
48) Acenaphthylene	14.34	152	4401241	38.155	ng		99
49) Dimethylphthalate	14.07	163	3346562	37.518	ng		100
50) 2,6-Dinitrotoluene	14.19	165	683490	40.469	ng	#	90
51) Acenaphthene	14.68	154	2747660	36.683	ng		100
52) 3-Nitroaniline	14.53	138	687257	31.328	ng	#	81
53) 2,4-Dinitrophenol	14.72	184	709299	88.867	ng		95
54) Dibenzofuran	15.01	168	4258061	41.227	ng		96
55) 4-Nitrophenol	14.82	139	1299507	76.116	ng	#	49
56) 2,4-Dinitrotoluene	14.97	165	936120	40.180	ng		85
57) Fluorene	15.66	166	3585193	39.816	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	820480	44.647	ng	#	100
59) Diethylphthalate	15.43	149	3519375	38.294	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1656196	39.433	ng		96
61) 4-Nitroaniline	15.68	138	845359	37.069	ng		84
62) Azobenzene	15.94	77	3623409	43.747	ng		88
64) 4,6-Dinitro-2-methylphenol	15.73	198	450240	46.720	ng	#	85
65) n-Nitrosodiphenylamine	15.86	169	3020383	38.413	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	990835	37.750	ng	#	91
67) Hexachlorobenzene	16.66	284	1068469	34.688	ng	#	87
68) Atrazine	16.82	200	902806	39.176	ng		98
69) Pentachlorophenol	17.00	266	1394665	82.476	ng		98
70) Phenanthrene	17.40	178	5649434	40.653	ng		98
71) Anthracene	17.49	178	5771625	41.303	ng		98
72) Carbazole	17.76	167	5348523	39.717	ng		99
73) Di-n-butylphthalate	18.31	149	6282224	40.154	ng		100
74) Fluoranthene	19.40	202	6448085	40.665	ng		95
76) Benzidine	19.60	184	3416051	57.389	ng		99
77) Pyrene	19.77	202	6841966	37.021	ng		99
79) Butylbenzylphthalate	20.65	149	3003710	36.790	ng		94
80) Benzo(a)anthracene	21.50	228	6619462	39.242	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2457882	38.380	ng		99
82) Chrysene	21.56	228	6221020	39.128	ng		97
83) Bis(2-ethylhexyl)phthalate	21.42	149	4580420	38.267	ng	#	99
84) Di-n-octyl phthalate	22.33	149	8094666	40.117	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.34	276	6274148	42.305	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	6613417	39.496	ng		99
88) Benzo(k)fluoranthene	23.22	252	6528890	40.667	ng		97
89) Benzo(a)pyrene	23.80	252	6209796	41.118	ng	#	97
90) Dibenzo(a,h)anthracene	26.36	278	5167401	39.979	ng		98
91) Benzo(g,h,i)perylene	27.10	276	4890646	39.153	ng		98

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

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