Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
Data File : BM020732.D
Acq On : 05 Jun 2019 12:30
Operator : HP/JU
Sample : PB120049BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120049BS

Manual Integrations APPROVED
mohammad
6/6/2019 11:21:33 AM

Quant Time: Jun 05 18:39:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 05 18:16:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	327102	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1286238	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	672181	20.00	ng		0.00
64) Phenanthrene-d10	17.20	188	1277404	20.00	ng		0.00
76) Chrysene-d12	21.38	240	1022451	20.00	ng		0.00
87) Perylene-d12	23.67	264	1168341	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	2615634	140.66	ng		0.00
7) Phenol-d6	6.99	99	3418462	124.85	ng		0.00
23) Nitrobenzene-d5	8.99	82	2043581	82.32	ng		0.00
42) 2,4,6-Tribromophenol	15.95	330	1131280	135.84	ng		0.00
45) 2-Fluorobiphenyl	13.08	172	4562057	90.23	ng		0.00
79) Terphenyl-d14	19.83	244	4905145	80.24	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	308044	40.461	ng		99
3) Pyridine	3.74	79	883880	36.490	ng		99
4) n-Nitrosodimethylamine	3.66	42	394156	37.748	ng		98
6) Aniline	7.16	93	1150999	29.052	ng		99
8) 2-Chlorophenol	7.39	128	1016591	43.945	ng		99
9) Benzaldehyde	6.97	77	318949m	16.378	ng		
10) Phenol	7.02	94	1242034	42.093	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	912400	38.800	ng		99
12) 1,3-Dichlorobenzene	7.71	146	1047907	39.415	ng		99
13) 1,4-Dichlorobenzene	7.86	146	1066068	39.443	ng		99
14) 1,2-Dichlorobenzene	8.17	146	1022650	38.880	ng		98
15) Benzyl Alcohol	8.06	79	900053	37.157	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1230100	33.882	ng		100
17) 2-Methylphenol	8.26	107	829855	39.995	ng		99
18) Hexachloroethane	8.89	117	387741	37.470	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	757065	34.397	ng		98
20) 3+4-Methylphenols	8.59	107	1092793	38.710	ng		99
22) Acetophenone	8.65	105	1403701	42.959	ng	#	99
24) Nitrobenzene	9.03	77	1107951	43.718	ng		98
25) Isophorone	9.55	82	1964103	39.774	ng		99
26) 2-Nitrophenol	9.73	139	474862	50.275	ng		97
27) 2,4-Dimethylphenol	9.79	122	885733	50.045	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	1216028	40.727	ng		99
29) 2,4-Dichlorophenol	10.26	162	908097	46.375	ng		99
30) 1,2,4-Trichlorobenzene	10.47	180	998080	44.328	ng		99
31) Naphthalene	10.66	128	2897013	43.799	ng		100
32) Benzoic acid	9.93	122	465321	42.436	ng		96
33) 4-Chloroaniline	10.77	127	434218	14.106	ng		99
34) Hexachlorobutadiene	10.94	225	585503	43.339	ng		99
35) Caprolactam	11.57	113	245992m	36.161	ng		
36) 4-Chloro-3-methylphenol	11.89	107	918572	40.347	ng		99
37) 2-Methylnaphthalene	12.27	142	2086971	42.568	ng		99
38) 1-Methylnaphthalene	12.50	142	1976913	42.348	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1089779	49.472	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1388758	105.414	ng	98
43) 2,4,6-Trichlorophenol	12.89	196	680859	48.019	ng	99
44) 2,4,5-Trichlorophenol	12.95	196	717971	49.047	ng	99
46) 1,1'-Biphenyl	13.29	154	2602626	46.361	ng	100
47) 2-Chloronaphthalene	13.33	162	2019213	44.566	ng	100
48) 2-Nitroaniline	13.54	65	549682	38.653	ng	99
49) Acenaphthylene	14.18	152	3137623	44.382	ng	100
50) Dimethylphthalate	13.92	163	2368244	41.239	ng	99
51) 2,6-Dinitrotoluene	14.04	165	507494	43.522	ng	98
52) Acenaphthene	14.52	154	1820953	43.222	ng	97
53) 3-Nitroaniline	14.37	138	295417	22.698	ng	97
54) 2,4-Dinitrophenol	14.57	184	394849	78.827	ng	98
55) Dibenzofuran	14.86	168	2831012	43.266	ng	100
56) 4-Nitrophenol	14.67	139	764872	79.748	ng	98
57) 2,4-Dinitrotoluene	14.83	165	655691	41.996	ng	98
58) Fluorene	15.51	166	2258878	41.979	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	593228	46.507	ng	99
60) Diethylphthalate	15.29	149	2292241	38.702	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1195045	41.945	ng	98
62) 4-Nitroaniline	15.53	138	459225	33.269	ng	98
63) Azobenzene	15.80	77	2150367	37.870	ng	99
65) 4,6-Dinitro-2-methylphenol	15.59	198	242723	42.905	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1891849	46.264	ng	99
67) 4-Bromophenyl-phenylether	16.40	248	683905	45.472	ng	99
68) Hexachlorobenzene	16.50	284	789495	44.953	ng	99
69) Atrazine	16.67	200	583731	47.829	ng	99
70) Pentachlorophenol	16.85	266	859579	102.594	ng	99
71) Phenanthrene	17.24	178	3139510	43.359	ng	99
72) Anthracene	17.33	178	3198450	44.134	ng	99
73) Carbazole	17.61	167	2685097	40.829	ng	99
74) Di-n-butylphthalate	18.17	149	3302132	38.680	ng	99
75) Fluoranthene	19.26	202	3223446	40.031	ng	100
77) Benzidine	19.45	184	1330696	42.952	ng	99
78) Pyrene	19.62	202	3250352	41.426	ng	99
80) Butylbenzylphthalate	20.52	149	1227731	37.027	ng	99
81) Benzo(a)anthracene	21.37	228	2939169	41.279	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	831748	31.900	ng	99
83) Chrysene	21.42	228	2887950	42.669	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1701576	35.309	ng	99
85) Di-n-octyl phthalate	22.19	149	2757439	36.040	ng	99
86) Indeno(1,2,3-cd)pyrene	25.99	276	4083730	58.978	ng	99
88) Benzo(b)fluoranthene	22.98	252	3228001	41.802	ng	99
89) Benzo(k)fluoranthene	23.03	252	3077134	40.776	ng	99
90) Benzo(a)pyrene	23.57	252	3162206	45.147	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3419536	50.322	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3369015	53.376	ng	99

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

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