Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
Data File : BM020665.D
Acq On : 03 Jun 2019 11:40
Operator : HP/JU
Sample : PB120182BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB120182BS

Manual Integrations APPROVED
mohammad
6/5/2019 8:45:58 AM

Quant Time: Jun 04 05:21:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 31 15:48:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	312072	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	1186679	20.00	ng		0.00
39) Acenaphthene-d10	14.46	164	577806	20.00	ng		-0.01
64) Phenanthrene-d10	17.21	188	1110181	20.00	ng		0.00
76) Chrysene-d12	21.39	240	930001	20.00	ng		-0.01
87) Perylene-d12	23.67	264	1090810	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	2619338	147.65	ng		0.00
7) Phenol-d6	7.00	99	3458540	132.40	ng		0.00
23) Nitrobenzene-d5	8.99	82	1781058	77.76	ng		0.00
42) 2,4,6-Tribromophenol	15.96	330	994196	138.87	ng		0.00
45) 2-Fluorobiphenyl	13.09	172	3557261	81.85	ng		0.00
79) Terphenyl-d14	19.83	244	3386264	60.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.35	88	230552	31.741	ng		99
3) Pyridine	3.74	79	647432	28.016	ng		99
4) n-Nitrosodimethylamine	3.66	42	291095	29.220	ng		98
6) Aniline	7.16	93	738767	19.545	ng		98
8) 2-Chlorophenol	7.39	128	683733	30.980	ng		99
9) Benzaldehyde	6.97	77	232786	11.540	ng		98
10) Phenol	7.02	94	835682	29.685	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	635121	28.309	ng		96
12) 1,3-Dichlorobenzene	7.72	146	726861	28.656	ng		100
13) 1,4-Dichlorobenzene	7.86	146	741899	28.771	ng		99
14) 1,2-Dichlorobenzene	8.18	146	713188	28.420	ng		99
15) Benzyl Alcohol	8.07	79	610608	26.422	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	889832	25.690	ng		98
17) 2-Methylphenol	8.26	107	548779	27.722	ng		99
18) Hexachloroethane	8.90	117	272767	27.629	ng		98
19) n-Nitroso-di-n-propylamine	8.63	70	518123	24.674	ng		99
20) 3+4-Methylphenols	8.59	107	725733	26.946	ng		99
22) Acetophenone	8.65	105	965939	32.042	ng	#	97
24) Nitrobenzene	9.03	77	763067	32.635	ng		98
25) Isophorone	9.55	82	1329257	29.176	ng		100
26) 2-Nitrophenol	9.74	139	300432	34.476	ng		98
27) 2,4-Dimethylphenol	9.79	122	591388	36.217	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	821889	29.836	ng		99
29) 2,4-Dichlorophenol	10.26	162	580842	32.151	ng		99
30) 1,2,4-Trichlorobenzene	10.48	180	650311	31.305	ng		100
31) Naphthalene	10.67	128	1960821	32.132	ng		99
32) Benzoic acid	9.92	122	282812	29.708	ng		99
33) 4-Chloroaniline	10.78	127	362972	12.781	ng		97
34) Hexachlorobutadiene	10.95	225	377982	30.325	ng		99
35) Caprolactam	11.56	113	162974m	25.967	ng		
36) 4-Chloro-3-methylphenol	11.90	107	599946	28.563	ng		99
37) 2-Methylnaphthalene	12.28	142	1389803	30.726	ng		99
38) 1-Methylnaphthalene	12.50	142	1308701	30.386	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	676035	35.702	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	815430	72.005	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	416116	34.141	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	443307	35.230	ng	98
46) 1,1'-Biphenyl	13.30	154	1698407	35.195	ng	99
47) 2-Chloronaphthalene	13.34	162	1311463	33.673	ng	99
48) 2-Nitroaniline	13.55	65	367940	30.099	ng	94
49) Acenaphthylene	14.19	152	2020901	33.255	ng	100
50) Dimethylphthalate	13.93	163	1501699	30.420	ng	100
51) 2,6-Dinitrotoluene	14.05	165	321191	32.044	ng	94
52) Acenaphthene	14.53	154	1183161	32.671	ng	99
53) 3-Nitroaniline	14.37	138	196544	17.567	ng	97
54) 2,4-Dinitrophenol	14.58	184	244724	58.861	ng	95
55) Dibenzofuran	14.86	168	1829258	32.522	ng	100
56) 4-Nitrophenol	14.67	139	522245	63.345	ng	95
57) 2,4-Dinitrotoluene	14.83	165	420356	31.321	ng	99
58) Fluorene	15.52	166	1451814	31.387	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	355580	32.430	ng	99
60) Diethylphthalate	15.29	149	1498315	29.429	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	743137	30.344	ng	98
62) 4-Nitroaniline	15.54	138	313561	26.426	ng	95
63) Azobenzene	15.80	77	1466831	30.052	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	147912	32.712	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1235840	34.774	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	421143	32.219	ng	99
68) Hexachlorobenzene	16.51	284	476194	31.198	ng	98
69) Atrazine	16.67	200	379769	35.804	ng	99
70) Pentachlorophenol	16.85	266	522123	71.704	ng	100
71) Phenanthrene	17.25	178	2052557	32.617	ng	99
72) Anthracene	17.34	178	2099661	33.337	ng	99
73) Carbazole	17.62	167	1833028	32.071	ng	100
74) Di-n-butylphthalate	18.18	149	2254725	30.389	ng	100
75) Fluoranthene	19.26	202	2194953	31.365	ng	99
77) Benzidine	19.46	184	1028717	36.505	ng	99
78) Pyrene	19.63	202	2235394	31.323	ng	100
80) Butylbenzylphthalate	20.53	149	907850	30.101	ng	98
81) Benzo(a)anthracene	21.37	228	2093034	32.318	ng	100
82) 3,3'-Dichlorobenzidine	21.31	252	615028	25.933	ng	97
83) Chrysene	21.42	228	2052028	33.332	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1312857	29.951	ng	98
85) Di-n-octyl phthalate	22.20	149	2232632	32.082	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2926721	46.470	ng	100
88) Benzo(b)fluoranthene	22.99	252	2353273	32.641	ng	100
89) Benzo(k)fluoranthene	23.03	252	2222199	31.540	ng	100
90) Benzo(a)pyrene	23.57	252	2285852	34.955	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2469872	38.930	ng	100
92) Benzo(g,h,i)perylene	26.71	276	2402567	40.770	ng	99

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

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