Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
Data File : BM018721.D
Acq On : 04 Feb 2019 16:36
Operator : JU/SJ
Sample : PB116792BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB116792BSD

Manual Integrations APPROVED
mohammad
2/5/2019 8:41:18 AM

Quant Time: Feb 04 18:02:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	226544	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	842105	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	430655	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	854962	20.00	ng		0.00
76) Chrysene-d12	21.31	240	784095	20.00	ng		0.00
87) Perylene-d12	23.57	264	790798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1621252	132.14	ng		0.00
7) Phenol-d6	6.89	99	1996423	128.12	ng		0.00
23) Nitrobenzene-d5	8.89	82	1153258	79.39	ng		0.00
42) 2,4,6-Tribromophenol	15.86	330	681899	124.36	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	2680588	81.22	ng		0.00
79) Terphenyl-d14	19.75	244	3358719	90.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	263798	52.755	ng		96
3) Pyridine	3.66	79	510668	40.962	ng		97
4) n-Nitrosodimethylamine	3.58	42	241690	46.882	ng	#	91
6) Aniline	7.06	93	594647	34.209	ng		100
8) 2-Chlorophenol	7.29	128	605116	42.230	ng		97
9) Benzaldehyde	6.87	77	112915	10.282	ng		94
10) Phenol	6.92	94	663014	41.871	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	489048	39.306	ng		97
12) 1,3-Dichlorobenzene	7.60	146	682334	39.985	ng		100
13) 1,4-Dichlorobenzene	7.75	146	700642	40.509	ng		99
14) 1,2-Dichlorobenzene	8.07	146	655136	39.947	ng		98
15) Benzyl Alcohol	7.97	79	454139	40.350	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	661701	41.615	ng		95
17) 2-Methylphenol	8.16	107	448337	41.711	ng		99
18) Hexachloroethane	8.78	117	245615	39.828	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	377545	37.230	ng		94
20) 3+4-Methylphenols	8.49	107	595493	40.133	ng		98
22) Acetophenone	8.55	105	784971	37.682	ng	#	97
24) Nitrobenzene	8.93	77	583117	40.798	ng		96
25) Isophorone	9.45	82	978554	44.486	ng		99
26) 2-Nitrophenol	9.63	139	307750	44.530	ng		96
27) 2,4-Dimethylphenol	9.69	122	488245	47.133	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	628647	41.370	ng		99
29) 2,4-Dichlorophenol	10.16	162	518192	42.010	ng		97
30) 1,2,4-Trichlorobenzene	10.37	180	606692	39.626	ng		98
31) Naphthalene	10.56	128	1750747	43.169	ng		100
32) Benzoic acid	9.82	122	310305m	44.966	ng		
33) 4-Chloroaniline	10.69	127	270375	16.928	ng		98
34) Hexachlorobutadiene	10.82	225	364830	37.718	ng		97
35) Caprolactam	11.49	113	132099m	31.499	ng		
36) 4-Chloro-3-methylphenol	11.80	107	496558	38.371	ng		99
37) 2-Methylnaphthalene	12.17	142	1232472	43.012	ng		99
38) 1-Methylnaphthalene	12.40	142	1155712	41.685	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	628463	41.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	793869	96.049	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	397139	43.426	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	416517	43.306	ng	99
46) 1,1'-Biphenyl	13.20	154	1501226	39.923	ng	98
47) 2-Chloronaphthalene	13.24	162	1165890	39.983	ng	99
48) 2-Nitroaniline	13.46	65	284293	39.629	ng	91
49) Acenaphthylene	14.09	152	1823394	42.909	ng	99
50) Dimethylphthalate	13.83	163	1354919	38.309	ng	99
51) 2,6-Dinitrotoluene	13.96	165	293348	39.155	ng	95
52) Acenaphthene	14.43	154	1045024	40.192	ng	98
53) 3-Nitroaniline	14.29	138	180232	23.862	ng	99
54) 2,4-Dinitrophenol	14.50	184	302161	74.997	ng	89
55) Dibenzofuran	14.77	168	1667941	38.825	ng	100
56) 4-Nitrophenol	14.60	139	473624	72.585	ng	96
57) 2,4-Dinitrotoluene	14.74	165	397610	37.510	ng	100
58) Fluorene	15.42	166	1312095	41.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	360958	42.340	ng	96
60) Diethylphthalate	15.20	149	1330413	37.261	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	678014	36.759	ng	98
62) 4-Nitroaniline	15.46	138	259446	31.492	ng	95
63) Azobenzene	15.71	77	1100694	37.810	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	202485	38.375	ng	85
66) n-Nitrosodiphenylamine	15.63	169	1123855	42.377	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	391725	40.943	ng	99
68) Hexachlorobenzene	16.42	284	429893	40.137	ng	99
69) Atrazine	16.59	200	383419	39.991	ng	99
70) Pentachlorophenol	16.77	266	519757	74.096	ng	98
71) Phenanthrene	17.16	178	1937202	42.599	ng	100
72) Anthracene	17.25	178	1951941	44.637	ng	99
73) Carbazole	17.53	167	1709273	38.045	ng	100
74) Di-n-butylphthalate	18.09	149	2051203	41.681	ng	99
75) Fluoranthene	19.18	202	2116221	40.363	ng	98
77) Benzidine	19.38	184	860965	44.470	ng	100
78) Pyrene	19.54	202	2151129	46.284	ng	99
80) Butylbenzylphthalate	20.45	149	880297	44.387	ng	94
81) Benzo(a)anthracene	21.30	228	2009258	43.498	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	557940	31.942	ng	99
83) Chrysene	21.35	228	1910507	42.831	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1220967	42.635	ng	98
85) Di-n-octyl phthalate	22.10	149	2058876	42.745	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2456911	47.767	ng	98
88) Benzo(b)fluoranthene	22.89	252	1987034	44.259	ng	99
89) Benzo(k)fluoranthene	22.94	252	1904601	42.096	ng	98
90) Benzo(a)pyrene	23.47	252	1932338	44.958	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	2068752	47.503	ng	99
92) Benzo(g,h,i)perylene	26.57	276	2071874	48.888	ng	98

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

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