Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018986.D
Acq On : 01 Mar 2019 14:44
Operator : JU/SJ
Sample : PB117349BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117349BS

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:35 PM

Quant Time: Mar 02 01:43:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	203929	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	848901	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	499852	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1127798	20.00	ng		-0.03
76) Chrysene-d12	21.29	240	1167256	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1104522	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1769972	142.21	ng		-0.02
7) Phenol-d6	6.86	99	2465463	140.61	ng		-0.02
23) Nitrobenzene-d5	8.85	82	1435564	78.19	ng		-0.04
42) 2,4,6-Tribromophenol	15.84	330	988757	137.23	ng		-0.02
45) 2-Fluorobiphenyl	12.95	172	2948556	78.31	ng		-0.03
79) Terphenyl-d14	19.73	244	4760959	84.14	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	207128	38.209	ng		99
3) Pyridine	3.63	79	574926	38.881	ng		98
4) n-Nitrosodimethylamine	3.55	42	175514	46.658	ng		93
6) Aniline	7.03	93	742742	34.573	ng		99
8) 2-Chlorophenol	7.25	128	637708	46.667	ng		99
9) Benzaldehyde	6.85	77	496544	58.434	ng		98
10) Phenol	6.89	94	861978	46.722	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	579404	41.171	ng		99
12) 1,3-Dichlorobenzene	7.57	146	622123	40.488	ng		98
13) 1,4-Dichlorobenzene	7.72	146	639796	40.900	ng		100
14) 1,2-Dichlorobenzene	8.03	146	615877	40.988	ng		98
15) Benzyl Alcohol	7.93	79	618570	44.399	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	584468	42.910	ng		98
17) 2-Methylphenol	8.13	107	555726	47.327	ng		97
18) Hexachloroethane	8.75	117	234550	41.075	ng		100
19) n-Nitroso-di-n-propylamine	8.49	70	561171	41.336	ng		98
20) 3+4-Methylphenols	8.46	107	753829	46.492	ng		99
22) Acetophenone	8.52	105	921193	39.515	ng	#	99
24) Nitrobenzene	8.89	77	790575	41.485	ng		100
25) Isophorone	9.41	82	1417256	48.381	ng		99
26) 2-Nitrophenol	9.60	139	334162	44.032	ng		97
27) 2,4-Dimethylphenol	9.65	122	596939	53.854	ng		99
28) bis(2-Chloroethoxy)methane	9.89	93	839482	44.316	ng		99
29) 2,4-Dichlorophenol	10.12	162	603466	47.414	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	596558	40.586	ng		98
31) Naphthalene	10.52	128	1852688	44.749	ng		100
32) Benzoic acid	9.82	122	397005	41.060	ng		95
33) 4-Chloroaniline	10.65	127	375074	20.266	ng		99
34) Hexachlorobutadiene	10.78	225	323265	37.890	ng		99
35) Caprolactam	11.46	113	197070m	37.940	ng		
36) 4-Chloro-3-methylphenol	11.77	107	688004	44.835	ng		98
37) 2-Methylnaphthalene	12.14	142	1378937	47.306	ng		99
38) 1-Methylnaphthalene	12.36	142	1313805	46.091	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	639209	39.976	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	831002	101.650	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	474294	44.807	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	506371	45.641	ng	98
46) 1,1'-Biphenyl	13.16	154	1788190	41.560	ng	99
47) 2-Chloronaphthalene	13.20	162	1388753	41.789	ng	99
48) 2-Nitroaniline	13.43	65	481211	43.599	ng	98
49) Acenaphthylene	14.06	152	2264004	45.752	ng	100
50) Dimethylphthalate	13.80	163	1789950	42.968	ng	100
51) 2,6-Dinitrotoluene	13.93	165	398612	44.173	ng	96
52) Acenaphthene	14.40	154	1308210	43.115	ng	99
53) 3-Nitroaniline	14.27	138	278266	27.291	ng	98
54) 2,4-Dinitrophenol	14.47	184	508887	88.235	ng	100
55) Dibenzofuran	14.74	168	2125200	42.613	ng	98
56) 4-Nitrophenol	14.58	139	696975	85.631	ng	95
57) 2,4-Dinitrotoluene	14.72	165	561778	45.183	ng	99
58) Fluorene	15.39	166	1743337	45.692	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	454159	46.311	ng	99
60) Diethylphthalate	15.17	149	1839100	42.798	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	857161	40.069	ng	98
62) 4-Nitroaniline	15.44	138	400954	40.112	ng	97
63) Azobenzene	15.68	77	1969216	42.740	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	304261	38.425	ng	95
66) n-Nitrosodiphenylamine	15.60	169	1532559	43.011	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	508450	40.277	ng	98
68) Hexachlorobenzene	16.39	284	590189	40.222	ng	96
69) Atrazine	16.56	200	523668	45.587	ng	100
70) Pentachlorophenol	16.74	266	758929	80.329	ng	99
71) Phenanthrene	17.13	178	2699812	44.544	ng	99
72) Anthracene	17.22	178	2772125	46.991	ng	99
73) Carbazole	17.50	167	2523518	40.944	ng	99
74) Di-n-butylphthalate	18.06	149	3124764	44.083	ng	100
75) Fluoranthene	19.16	202	3066698	43.803	ng	99
77) Benzidine	19.36	184	1985144	75.514	ng	100
78) Pyrene	19.52	202	3149231	46.454	ng	100
80) Butylbenzylphthalate	20.42	149	1463785	47.378	ng	99
81) Benzo(a)anthracene	21.27	228	2966294	43.595	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	754047	28.041	ng	99
83) Chrysene	21.32	228	2852309	43.736	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2091047	46.242	ng	99
85) Di-n-octyl phthalate	22.07	149	3512290	46.214	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3046140	40.456	ng	100
88) Benzo(b)fluoranthene	22.86	252	2987774	47.279	ng	100
89) Benzo(k)fluoranthene	22.90	252	2859553	45.452	ng	100
90) Benzo(a)pyrene	23.44	252	2787585	46.565	ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2624885	44.256	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2445351	44.286	ng	99

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

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