Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104243.D
Acq On : 4 Apr 2018 23:13
Operator : JU/SJ
Sample : J2170-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EPE-124-2(55-57)MS

Manual Integrations APPROVED
Sohil
4/5/2018 4:39:10 PM

Quant Time: Apr 05 01:55:55 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	119397	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	493514	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	219438	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	365816	20.00	ng		0.00
75) Chrysene-d12	14.14	240	228580	20.00	ng		0.00
86) Perylene-d12	15.68	264	233253	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	985209	131.59	ng		0.00
7) Phenol-d6	6.60	99	1176624	127.74	ng		0.00
23) Nitrobenzene-d5	7.52	82	736552	91.27	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	301326	123.32	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1348128	96.88	ng		0.00
78) Terphenyl-d14	13.07	244	1033186	104.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	115367	35.728	ng	#	87
3) Pyridine	3.67	79	234830	28.727	ng		88
4) n-Nitrosodimethylamine	3.64	42	54943	22.612	ng	#	78
6) Aniline	6.63	93	267998	24.304	ng	#	72
8) 2-Chlorophenol	6.75	128	382563	46.582	ng		97
9) Benzaldehyde	6.52	77	73528	12.315	ng		91
10) Phenol	6.62	94	491194	48.128	ng		96
11) bis(2-Chloroethyl)ether	6.69	93	419080	47.652	ng		91
12) 1,3-Dichlorobenzene	6.89	146	367408	39.798	ng		98
13) 1,4-Dichlorobenzene	6.97	146	426085	43.074	ng		99
14) 1,2-Dichlorobenzene	7.12	146	378827	42.607	ng		98
15) Benzyl Alcohol	7.10	79	243465	40.653	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	418547	43.684	ng	#	41
17) 2-Methylphenol	7.21	107	286457	42.855	ng	#	80
18) Hexachloroethane	7.45	117	129081	38.974	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	251624	46.031	ng		91
20) 3+4-Methylphenols	7.37	107	352676	41.341	ng	#	55
22) Acetophenone	7.37	105	518360	43.412	ng	#	98
24) Nitrobenzene	7.54	77	332821	39.198	ng		98
25) Isophorone	7.77	82	679799	45.710	ng		98
26) 2-Nitrophenol	7.85	139	189216	42.692	ng		93
27) 2,4-Dimethylphenol	7.89	122	307866	48.164	ng		100
28) bis(2-Chloroethoxy)methane	7.97	93	442449	47.468	ng		99
29) 2,4-Dichlorophenol	8.10	162	308944	46.274	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	320407	42.296	ng		99
31) Naphthalene	8.26	128	1074090	44.550	ng		99
32) Benzoic acid	8.00	122	51298m	10.955	ng		
33) 4-Chloroaniline	8.33	127	149337	14.692	ng		97
34) Hexachlorobutadiene	8.36	225	169756	41.180	ng		100
35) Caprolactam	8.68	113	86173	40.706	ng	#	83
36) 4-Chloro-3-methylphenol	8.80	107	323285	45.779	ng		97
37) 2-Methylnaphthalene	8.95	142	685369	43.156	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	308471	45.841	ng		98
40) Hexachlorocyclopentadiene	9.09	237	63467	24.075	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	183606	43.090	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	222919	43.329	ng		95
45) 1,1'-Biphenyl	9.41	154	848350	45.044	ng		98
46) 2-Chloronaphthalene	9.44	162	665248	44.779	ng		98
47) 2-Nitroaniline	9.55	65	186986	44.140	ng		93
48) Acenaphthylene	9.86	152	942381	41.871	ng		100
49) Dimethylphthalate	9.71	163	856831	49.455	ng		99
50) 2,6-Dinitrotoluene	9.78	165	164649	44.173	ng		96
51) Acenaphthene	10.03	154	566193	43.486	ng		99
52) 3-Nitroaniline	9.97	138	113453	26.478	ng		98
53) 2,4-Dinitrophenol	10.10	184	13599	13.347	ng	#	65
54) Dibenzofuran	10.20	168	819957	43.126	ng		97
55) 4-Nitrophenol	10.15	139	136053	52.956	ng		94
56) 2,4-Dinitrotoluene	10.19	165	194353	40.862	ng	#	95
57) Fluorene	10.55	166	656078	41.832	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	163677	42.463	ng		87
59) Diethylphthalate	10.40	149	717756	43.245	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	315567	43.808	ng		98
61) 4-Nitroaniline	10.60	138	139697	34.844	ng		91
62) Azobenzene	10.69	77	634648	42.287	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	33259	15.020	ng		87
65) n-Nitrosodiphenylamine	10.66	169	589156	47.555	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	181454	46.364	ng		91
67) Hexachlorobenzene	11.09	284	193686	43.023	ng	#	87
68) Atrazine	11.17	200	175942	46.356	ng		99
69) Pentachlorophenol	11.29	266	154358	62.308	ng		97
70) Phenanthrene	11.52	178	815266	41.163	ng		98
71) Anthracene	11.57	178	946811	45.767	ng		99
72) Carbazole	11.73	167	834632	42.271	ng		99
73) Di-n-butylphthalate	12.03	149	1024225	43.549	ng		99
74) Fluoranthene	12.70	202	784658	37.272	ng		99
76) Benzidine	12.84	184	377120	57.894	ng		98
77) Pyrene	12.94	202	747310	45.480	ng		99
79) Butylbenzylphthalate	13.53	149	367369	47.455	ng		98
80) Benzo(a)anthracene	14.13	228	578602	40.454	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	208995	44.145	ng		100
82) Chrysene	14.17	228	645580	46.084	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	471694	47.158	ng		99
84) Di-n-octyl phthalate	14.71	149	761755	44.273	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.28	276	599946	41.328	ng		97
87) Benzo(b)fluoranthene	15.22	252	569718	40.134	ng		99
88) Benzo(k)fluoranthene	15.26	252	657062	49.136	ng		97
89) Benzo(a)pyrene	15.62	252	587413	44.653	ng		97
90) Dibenzo(a,h)anthracene	17.29	278	525724	43.225	ng		98
91) Benzo(g,h,i)perylene	17.75	276	474640	38.961	ng		96

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

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