Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
Data File : BF119214.D
Acq On : 5 Mar 2020 14:58
Operator : CG/JU
Sample : PB127192BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127192BSD

Manual Integrations APPROVED
mohammad
3/9/2020 8:26:58 AM

Quant Time: Mar 06 06:49:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128138	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	496184	20.00	ng		-0.02
39) Acenaphthene-d10	9.76	164	289158	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	536790	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	365075	20.00	ng		-0.01
87) Perylene-d12	15.31	264	303115	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	977612	127.50	ng		0.00
7) Phenol-d6	6.39	99	1184665	127.04	ng		-0.01
23) Nitrobenzene-d5	7.30	82	704782	75.00	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	461462	121.99	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1467617	74.77	ng		-0.02
79) Terphenyl-d14	12.83	244	1751609	82.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	136347	39.940	ng		99
3) Pyridine	3.22	79	330376	35.436	ng		98
4) n-Nitrosodimethylamine	3.16	42	134247	47.533	ng		95
6) Aniline	6.39	93	382356	33.230	ng	#	73
8) 2-Chlorophenol	6.53	128	408992	49.427	ng		97
9) Benzaldehyde	6.27	77	164676	26.432	ng		98
10) Phenol	6.40	94	484961	48.101	ng		86
11) bis(2-Chloroethyl)ether	6.47	93	367860	47.686	ng		98
12) 1,3-Dichlorobenzene	6.67	146	439987	44.364	ng		98
13) 1,4-Dichlorobenzene	6.75	146	447642	45.104	ng		98
14) 1,2-Dichlorobenzene	6.90	146	413784	45.716	ng		98
15) Benzyl Alcohol	6.88	79	344733	51.150	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296512	44.372	ng	#	14
17) 2-Methylphenol	7.00	107	337331	50.282	ng		95
18) Hexachloroethane	7.23	117	159972	45.054	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	282741	52.034	ng		95
20) 3+4-Methylphenols	7.16	107	443062	53.906	ng	#	84
22) Acetophenone	7.14	105	560512	48.823	ng	#	95
24) Nitrobenzene	7.32	77	428994	46.163	ng		100
25) Isophorone	7.56	82	784092	48.043	ng		100
26) 2-Nitrophenol	7.63	139	236029	47.935	ng		98
27) 2,4-Dimethylphenol	7.68	122	361846	54.147	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	473454	44.569	ng		99
29) 2,4-Dichlorophenol	7.88	162	371982	47.283	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	399801	42.862	ng		99
31) Naphthalene	8.03	128	1195556	46.460	ng		98
32) Benzoic acid	7.85	122	206227	43.087	ng		98
33) 4-Chloroaniline	8.09	127	317444	28.681	ng		99
34) Hexachlorobutadiene	8.15	225	243856	41.971	ng		98
35) Caprolactam	8.47	113	112932m	46.620	ng		
36) 4-Chloro-3-methylphenol	8.59	107	394618	49.564	ng		99
37) 2-Methylnaphthalene	8.72	142	829810	47.918	ng		100
38) 1-Methylnaphthalene	8.82	142	776365	47.670	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	413555	42.419	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	224876	65.322	ng		97
43) 2,4,6-Trichlorophenol	9.02	196	260333	42.285	ng		99
44) 2,4,5-Trichlorophenol	9.06	196	271681	42.053	ng		98
46) 1,1'-Biphenyl	9.19	154	1010296	43.231	ng		99
47) 2-Chloronaphthalene	9.22	162	805703	42.782	ng		97
48) 2-Nitroaniline	9.32	65	231281	44.030	ng		96
49) Acenaphthylene	9.63	152	1233533	45.351	ng		99
50) Dimethylphthalate	9.49	163	999696	45.212	ng		100
51) 2,6-Dinitrotoluene	9.56	165	224390	45.677	ng		99
52) Acenaphthene	9.80	154	736249	44.890	ng		98
53) 3-Nitroaniline	9.73	138	151866	27.885	ng		95
54) 2,4-Dinitrophenol	9.85	184	176665	74.554	ng	#	86
55) Dibenzofuran	9.97	168	1078639	44.062	ng		97
56) 4-Nitrophenol	9.93	139	216958	66.305	ng		97
57) 2,4-Dinitrotoluene	9.97	165	277084	43.515	ng		98
58) Fluorene	10.32	166	886529	46.604	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	232274	42.609	ng		98
60) Diethylphthalate	10.19	149	960465	46.094	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	462855	45.969	ng		98
62) 4-Nitroaniline	10.35	138	195527	35.091	ng		97
63) Azobenzene	10.46	77	855901	47.256	ng		96
65) 4,6-Dinitro-2-methylphenol	10.39	198	157175	48.389	ng		96
66) n-Nitrosodiphenylamine	10.43	169	800973	45.571	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	306867	43.735	ng		96
68) Hexachlorobenzene	10.87	284	347235	42.923	ng		99
69) Atrazine	10.96	200	284790	46.375	ng		99
70) Pentachlorophenol	11.07	266	231509	71.043	ng		99
71) Phenanthrene	11.27	178	1291115	44.105	ng		98
72) Anthracene	11.33	178	1344547	45.968	ng		99
73) Carbazole	11.49	167	1148248	44.066	ng		98
74) Di-n-butylphthalate	11.81	149	1476632	46.794	ng		99
75) Fluoranthene	12.46	202	1371470	44.136	ng		99
77) Benzidine	12.58	184	465577	31.358	ng		99
78) Pyrene	12.69	202	1363449	46.510	ng		100
80) Butylbenzylphthalate	13.30	149	603213	48.891	ng		98
81) Benzo(a)anthracene	13.88	228	1153004	46.352	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	321612	33.296	ng		100
83) Chrysene	13.92	228	1089444	43.954	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	828886	53.177	ng		99
85) Di-n-octyl phthalate	14.47	149	1274146	51.304	ng		99
86) Indeno(1,2,3-cd)pyrene	16.72	276	912030	38.002	ng		100
88) Benzo(b)fluoranthene	14.91	252	975153	48.807	ng		99
89) Benzo(k)fluoranthene	14.94	252	929053	50.177	ng		99
90) Benzo(a)pyrene	15.26	252	820227	45.487	ng		99
91) Dibenzo(a,h)anthracene	16.73	278	761951	48.023	ng		99
92) Benzo(g,h,i)perylene	17.14	276	763303	48.690	ng		100

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

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