Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108421.D
Acq On : 23 Aug 2018 12:20
Operator : JU/SJ
Sample : PB112242BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112242BSD

Manual Integrations APPROVED
Sohil
8/24/2018 12:13:58 PM

Quant Time: Aug 23 12:49:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	143483	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	542672	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	284886	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	570158	20.00	ng		0.00
75) Chrysene-d12	14.20	240	410186	20.00	ng		0.00
86) Perylene-d12	15.75	264	285408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	967848	122.12	ng		0.01
7) Phenol-d6	6.63	99	1342367	127.46	ng		0.00
23) Nitrobenzene-d5	7.57	82	894379	91.97	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	421101	148.19	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1718222	96.83	ng		0.00
78) Terphenyl-d14	13.13	244	1853422	114.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	131729	32.348	ng		91
3) Pyridine	3.75	79	373077	35.564	ng		85
4) n-Nitrosodimethylamine	3.72	42	212432	35.989	ng		85
6) Aniline	6.67	93	415289	28.990	ng		96
8) 2-Chlorophenol	6.79	128	383506	42.965	ng		95
9) Benzaldehyde	6.55	77	239473	29.328	ng		95
10) Phenol	6.64	94	482862	44.325	ng		91
11) bis(2-Chloroethyl)ether	6.74	93	365581	41.510	ng		94
12) 1,3-Dichlorobenzene	6.94	146	419874	40.682	ng		98
13) 1,4-Dichlorobenzene	7.02	146	425534	41.037	ng		98
14) 1,2-Dichlorobenzene	7.17	146	400827	41.557	ng		99
15) Benzyl Alcohol	7.14	79	344176	38.820	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	697800	38.460	ng		99
17) 2-Methylphenol	7.25	107	348558	45.536	ng		94
18) Hexachloroethane	7.51	117	154196	41.768	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	290490	40.789	ng		93
20) 3+4-Methylphenols	7.40	107	418332	42.647	ng	#	74
22) Acetophenone	7.41	105	556047	43.821	ng	#	94
24) Nitrobenzene	7.58	77	437755	44.514	ng		95
25) Isophorone	7.82	82	810866	43.745	ng		97
26) 2-Nitrophenol	7.90	139	197146	53.084	ng		92
27) 2,4-Dimethylphenol	7.93	122	374105	45.473	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	484387	44.763	ng		99
29) 2,4-Dichlorophenol	8.14	162	354529	46.827	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	371223	44.472	ng		97
31) Naphthalene	8.31	128	1123253	45.513	ng		99
32) Benzoic acid	8.05	122	147423	33.011	ng		92
33) 4-Chloroaniline	8.35	127	208529	19.389	ng		99
34) Hexachlorobutadiene	8.41	225	239462	45.316	ng		98
35) Caprolactam	8.73	113	104900m	44.214	ng		
36) 4-Chloro-3-methylphenol	8.84	107	382448	46.826	ng		98
37) 2-Methylnaphthalene	9.00	142	796670	45.625	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	400648	45.796	ng		98
40) Hexachlorocyclopentadiene	9.15	237	406891	72.006	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	262440	48.341	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	286204	47.890	ng		97
45) 1,1'-Biphenyl	9.47	154	982006	46.752	ng		98
46) 2-Chloronaphthalene	9.50	162	754838	45.469	ng		97
47) 2-Nitroaniline	9.59	65	253874	47.263	ng		88
48) Acenaphthylene	9.91	152	1214366	46.270	ng		99
49) Dimethylphthalate	9.76	163	929712	46.850	ng		99
50) 2,6-Dinitrotoluene	9.83	165	198849	47.894	ng		96
51) Acenaphthene	10.08	154	711547	44.264	ng		99
52) 3-Nitroaniline	10.00	138	126816	27.917	ng		96
53) 2,4-Dinitrophenol	10.11	184	113665	73.753	ng	#	20
54) Dibenzofuran	10.26	168	1071443	46.006	ng		99
55) 4-Nitrophenol	10.17	139	283082	82.292	ng		85
56) 2,4-Dinitrotoluene	10.24	165	270798	50.671	ng	#	94
57) Fluorene	10.60	166	849852	46.097	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	241294	48.306	ng	#	86
59) Diethylphthalate	10.46	149	896935	46.676	ng		97
60) 4-Chlorophenyl-phenylether	10.59	204	435990	45.384	ng		89
61) 4-Nitroaniline	10.62	138	206255	45.924	ng		93
62) Azobenzene	10.75	77	899597	45.331	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	91598	43.373	ng		93
65) n-Nitrosodiphenylamine	10.71	169	777521	46.147	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	288839	46.616	ng	#	82
67) Hexachlorobenzene	11.15	284	302223	46.358	ng	#	84
68) Atrazine	11.23	200	270266	47.825	ng		97
69) Pentachlorophenol	11.35	266	273555	87.667	ng		98
70) Phenanthrene	11.57	178	1239388	46.087	ng		99
71) Anthracene	11.62	178	1268416	46.019	ng		99
72) Carbazole	11.78	167	1093862	44.668	ng		99
73) Di-n-butylphthalate	12.09	149	1361362	49.079	ng		99
74) Fluoranthene	12.77	202	1338267	45.597	ng		96
76) Benzidine	12.88	184	602318	39.302	ng		98
77) Pyrene	13.00	202	1311299	50.495	ng		99
79) Butylbenzylphthalate	13.59	149	562194	54.519	ng		95
80) Benzo(a)anthracene	14.19	228	1097822	46.635	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	172538	20.452	ng	#	96
82) Chrysene	14.23	228	1002594	46.456	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	758352	54.307	ng		98
84) Di-n-octyl phthalate	14.77	149	1171061	54.988	ng		96
85) Indeno(1,2,3-cd)pyrene	17.37	276	777719	41.590	ng	#	90
87) Benzo(b)fluoranthene	15.29	252	817472	47.933	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	755403	48.185	ng	#	96
89) Benzo(a)pyrene	15.69	252	716205	46.898	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	651342	51.547	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	663003	53.286	ng	#	90

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

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