Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108462.D
Acq On : 24 Aug 2018 14:42
Operator : JU/SJ
Sample : PB112334BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112334BS

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:30 PM

Quant Time: Aug 24 15:49:16 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	130828	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	535799	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	279133	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	547850	20.00	ng		0.00
75) Chrysene-d12	14.20	240	363713	20.00	ng		0.00
86) Perylene-d12	15.75	264	247666	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	786471	108.84	ng		0.01
7) Phenol-d6	6.63	99	1054718	109.84	ng		0.00
23) Nitrobenzene-d5	7.57	82	688776	71.73	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	330498	118.70	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1390343	79.97	ng		0.00
78) Terphenyl-d14	13.13	244	1424333	99.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	139276	37.509	ng		89
3) Pyridine	3.77	79	373977	39.099	ng		89
4) n-Nitrosodimethylamine	3.74	42	204672	38.028	ng	#	81
6) Aniline	6.67	93	427306	32.714	ng		96
8) 2-Chlorophenol	6.79	128	355501	43.680	ng		95
9) Benzaldehyde	6.55	77	228265	30.660	ng		95
10) Phenol	6.64	94	452944	45.600	ng		90
11) bis(2-Chloroethyl)ether	6.74	93	344445	42.893	ng		95
12) 1,3-Dichlorobenzene	6.94	146	402771	42.800	ng		99
13) 1,4-Dichlorobenzene	7.02	146	405067	42.842	ng		98
14) 1,2-Dichlorobenzene	7.17	146	377904	42.970	ng		98
15) Benzyl Alcohol	7.14	79	318798	39.436	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	649756	39.277	ng		98
17) 2-Methylphenol	7.25	107	319525	45.781	ng	#	93
18) Hexachloroethane	7.51	117	147416	43.794	ng		92
19) n-Nitroso-di-n-propylamine	7.41	70	269543	41.509	ng		90
20) 3+4-Methylphenols	7.40	107	380344	42.525	ng	#	73
22) Acetophenone	7.41	105	513945	41.023	ng	#	91
24) Nitrobenzene	7.58	77	401206	41.321	ng		94
25) Isophorone	7.82	82	744696	40.690	ng		97
26) 2-Nitrophenol	7.90	139	182976	49.901	ng		94
27) 2,4-Dimethylphenol	7.93	122	344291	42.386	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	444960	41.647	ng		99
29) 2,4-Dichlorophenol	8.14	162	327691	43.838	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	346028	41.986	ng		96
31) Naphthalene	8.31	128	1048430	43.027	ng		99
32) Benzoic acid	8.05	122	152066	34.220	ng		90
33) 4-Chloroaniline	8.35	127	238063	22.419	ng		99
34) Hexachlorobutadiene	8.41	225	224633	43.055	ng		99
35) Caprolactam	8.73	113	92863m	39.642	ng		
36) 4-Chloro-3-methylphenol	8.84	107	347516	43.095	ng		99
37) 2-Methylnaphthalene	9.00	142	735370	42.655	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	371520	43.342	ng		98
40) Hexachlorocyclopentadiene	9.15	237	363884	65.723	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	239935	45.107	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	260355	44.463	ng		96
45) 1,1'-Biphenyl	9.47	154	902255	43.840	ng		98
46) 2-Chloronaphthalene	9.50	162	694022	42.667	ng		97
47) 2-Nitroaniline	9.59	65	230204	43.739	ng		88
48) Acenaphthylene	9.91	152	1113293	43.293	ng		99
49) Dimethylphthalate	9.76	163	827654	42.566	ng		99
50) 2,6-Dinitrotoluene	9.83	165	179975	44.241	ng		97
51) Acenaphthene	10.08	154	647653	41.119	ng		98
52) 3-Nitroaniline	10.00	138	133965	30.098	ng		96
53) 2,4-Dinitrophenol	10.11	184	111545	73.858	ng	#	23
54) Dibenzofuran	10.25	168	969822	42.500	ng		95
55) 4-Nitrophenol	10.17	139	250455	74.308	ng		86
56) 2,4-Dinitrotoluene	10.24	165	242789	46.366	ng	#	94
57) Fluorene	10.60	166	775771	42.946	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	216576	44.251	ng	#	89
59) Diethylphthalate	10.46	149	808505	42.941	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	403001	42.815	ng		95
61) 4-Nitroaniline	10.62	138	184298	41.881	ng		93
62) Azobenzene	10.75	77	803241	41.310	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	85384	42.237	ng		88
65) n-Nitrosodiphenylamine	10.71	169	690086	42.626	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	260190	43.702	ng		90
67) Hexachlorobenzene	11.15	284	271601	43.358	ng	#	89
68) Atrazine	11.23	200	239773	44.157	ng		97
69) Pentachlorophenol	11.35	266	246629	82.256	ng		99
70) Phenanthrene	11.57	178	1105811	42.794	ng		99
71) Anthracene	11.62	178	1142122	43.125	ng		99
72) Carbazole	11.78	167	969610	41.206	ng		99
73) Di-n-butylphthalate	12.09	149	1228321	46.086	ng		99
74) Fluoranthene	12.77	202	1159189	41.104	ng		95
76) Benzidine	12.88	184	597534	43.971	ng		99
77) Pyrene	13.00	202	1157493	50.267	ng		100
79) Butylbenzylphthalate	13.60	149	485562	53.104	ng		97
80) Benzo(a)anthracene	14.19	228	909875	43.590	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	153663	20.542	ng	#	98
82) Chrysene	14.22	228	829810	43.362	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	656363	53.009	ng	#	99
84) Di-n-octyl phthalate	14.77	149	960123	50.844	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	674372	40.671	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	668869	45.197	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	566877	41.670	ng	#	95
89) Benzo(a)pyrene	15.68	252	584768	44.126	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	567373	51.745	ng	#	92
91) Benzo(g,h,i)perylene	17.87	276	567964	52.604	ng	#	89

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

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