Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108414.D
Acq On : 23 Aug 2018 7:08
Operator : JU/SJ
Sample : PB112196BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112196BS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:44 PM

Quant Time: Aug 23 08:37:36 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	161271	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	584060	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	280894	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	477667	20.00	ng		0.00
75) Chrysene-d12	14.19	240	303069	20.00	ng		0.00
86) Perylene-d12	15.75	264	257083	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	845596	94.93	ng		0.00
7) Phenol-d6	6.63	99	1143385	96.59	ng		0.00
23) Nitrobenzene-d5	7.57	82	1092184	104.35	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	246690	88.05	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	1903358	108.79	ng		0.00
78) Terphenyl-d14	13.12	244	1390677	116.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	144271	31.520	ng		91
3) Pyridine	3.73	79	430499	36.512	ng		88
4) n-Nitrosodimethylamine	3.70	42	253824	38.258	ng	#	84
6) Aniline	6.67	93	339216	21.068	ng		96
8) 2-Chlorophenol	6.79	128	456600	45.512	ng		95
9) Benzaldehyde	6.55	77	316652	34.503	ng		95
10) Phenol	6.64	94	567163	46.321	ng		89
11) bis(2-Chloroethyl)ether	6.74	93	428216	43.259	ng		93
12) 1,3-Dichlorobenzene	6.94	146	505695	43.593	ng		98
13) 1,4-Dichlorobenzene	7.02	146	505682	43.388	ng		99
14) 1,2-Dichlorobenzene	7.17	146	473208	43.650	ng		100
15) Benzyl Alcohol	7.14	79	420331	42.180	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	815009	39.966	ng		99
17) 2-Methylphenol	7.25	107	400717	46.576	ng	#	93
18) Hexachloroethane	7.51	117	172990	41.691	ng		94
19) n-Nitroso-di-n-propylamine	7.41	70	345884	43.210	ng		91
20) 3+4-Methylphenols	7.40	107	483251	43.832	ng	#	83
22) Acetophenone	7.41	105	645617	47.274	ng	#	93
24) Nitrobenzene	7.59	77	511779	48.353	ng		94
25) Isophorone	7.82	82	943221	47.279	ng		98
26) 2-Nitrophenol	7.90	139	196373	49.129	ng		90
27) 2,4-Dimethylphenol	7.93	122	419797	47.411	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	561630	48.224	ng		99
29) 2,4-Dichlorophenol	8.14	162	395326	48.516	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	429320	47.788	ng		98
31) Naphthalene	8.31	128	1271864	47.883	ng		99
32) Benzoic acid	8.04	122	121838m	26.735	ng		
33) 4-Chloroaniline	8.35	127	95291	8.232	ng		99
34) Hexachlorobutadiene	8.42	225	281067	49.420	ng		98
35) Caprolactam	8.74	113	113521	44.457	ng		90
36) 4-Chloro-3-methylphenol	8.84	107	411733	46.839	ng		96
37) 2-Methylnaphthalene	9.00	142	875578	46.591	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	440254	51.038	ng		97
40) Hexachlorocyclopentadiene	9.15	237	155074	27.833	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	269817	50.406	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	275348	46.728	ng		97
45) 1,1'-Biphenyl	9.47	154	1058333	51.102	ng		99
46) 2-Chloronaphthalene	9.50	162	804167	49.128	ng		99
47) 2-Nitroaniline	9.59	65	275561	52.029	ng		86
48) Acenaphthylene	9.91	152	1254249	48.468	ng		99
49) Dimethylphthalate	9.77	163	993580	50.779	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	206111	50.348	ng		93
51) Acenaphthene	10.08	154	734830	46.362	ng		99
52) 3-Nitroaniline	10.00	138	142308	31.772	ng		95
53) 2,4-Dinitrophenol	10.11	184	12435	14.425	ng	#	21
54) Dibenzofuran	10.26	168	1093129	47.604	ng		99
55) 4-Nitrophenol	10.16	139	218274	64.354	ng		85
56) 2,4-Dinitrotoluene	10.24	165	259549	49.256	ng	#	95
57) Fluorene	10.60	166	848375	46.670	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	191094	38.800	ng	#	86
59) Diethylphthalate	10.46	149	940502	49.639	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	455048	48.041	ng	#	88
61) 4-Nitroaniline	10.62	138	197060	44.500	ng		92
62) Azobenzene	10.75	77	891680	45.570	ng		93
64) 4,6-Dinitro-2-methylphenol	10.64	198	13910	12.249	ng		97
65) n-Nitrosodiphenylamine	10.71	169	782533	55.438	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	283198	54.556	ng	#	90
67) Hexachlorobenzene	11.15	284	278476	50.987	ng		91
68) Atrazine	11.23	200	258060	54.507	ng		97
69) Pentachlorophenol	11.34	266	166853	63.825	ng		97
70) Phenanthrene	11.57	178	1111020	49.313	ng		99
71) Anthracene	11.62	178	1132457	49.042	ng		100
72) Carbazole	11.78	167	954126	46.506	ng		99
73) Di-n-butylphthalate	12.09	149	1317356	56.689	ng		100
74) Fluoranthene	12.77	202	1028708	41.837	ng		93
76) Benzidine	12.88	184	308394	27.235	ng		98
77) Pyrene	13.00	202	982191	51.189	ng		100
79) Butylbenzylphthalate	13.59	149	438929	57.610	ng	#	98
80) Benzo(a)anthracene	14.19	228	859497	49.416	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	212390	34.074	ng	#	97
82) Chrysene	14.22	228	798881	50.100	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	591795	57.358	ng	#	98
84) Di-n-octyl phthalate	14.77	149	948187	60.259	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	589827	42.690	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	810955	52.790	ng	#	97
88) Benzo(k)fluoranthene	15.32	252	714311	50.584	ng	#	96
89) Benzo(a)pyrene	15.68	252	684668	49.772	ng	#	97
90) Dibenzo(a,h)anthracene	17.38	278	507603	44.598	ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	462776	41.292	ng	#	89

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

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