Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080918\
Data File : BF108041.D
Acq On : 9 Aug 2018 10:04
Operator : JU/SJ
Sample : PB111850BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111850BS

Manual Integrations APPROVED
Sohil
8/10/2018 12:13:10 PM

Quant Time: Aug 09 14:46:53 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	258476	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1023157	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	536390	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1119281	20.00	ng		0.00
75) Chrysene-d12	14.22	240	971617	20.00	ng		0.00
86) Perylene-d12	15.78	264	744328	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1897524	132.91	ng		0.01
7) Phenol-d6	6.64	99	2521604	132.91	ng		0.00
23) Nitrobenzene-d5	7.58	82	1667721	90.95	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	776477	145.13	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3005450	89.96	ng		0.00
78) Terphenyl-d14	13.15	244	3571637	93.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	294544	40.151	ng	#	87
3) Pyridine	3.73	79	813031	43.023	ng	#	83
4) n-Nitrosodimethylamine	3.69	42	498655	46.895	ng		83
6) Aniline	6.68	93	939041	36.388	ng		94
8) 2-Chlorophenol	6.80	128	784755	48.804	ng		95
9) Benzaldehyde	6.57	77	383379	26.064	ng		94
10) Phenol	6.65	94	951549	48.488	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	753099	47.468	ng		91
12) 1,3-Dichlorobenzene	6.95	146	875525	47.091	ng		97
13) 1,4-Dichlorobenzene	7.03	146	881152	47.171	ng		98
14) 1,2-Dichlorobenzene	7.18	146	825059	47.484	ng		98
15) Benzyl Alcohol	7.15	79	793295	49.669	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1529558	46.798	ng		96
17) 2-Methylphenol	7.25	107	687528	49.860	ng		95
18) Hexachloroethane	7.53	117	322011	48.420	ng		89
19) n-Nitroso-di-n-propylamine	7.42	70	602992	47.000	ng	#	85
20) 3+4-Methylphenols	7.41	107	862351	48.802	ng	#	87
22) Acetophenone	7.42	105	1127872	47.144	ng	#	92
24) Nitrobenzene	7.60	77	898750	48.473	ng		96
25) Isophorone	7.83	82	1627163	46.559	ng		97
26) 2-Nitrophenol	7.91	139	381428	54.474	ng		87
27) 2,4-Dimethylphenol	7.94	122	765363	49.343	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	964754	47.287	ng		99
29) 2,4-Dichlorophenol	8.15	162	719265	50.389	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	754783	47.959	ng		98
31) Naphthalene	8.32	128	2218693	47.682	ng		98
32) Benzoic acid	8.05	122	299827	35.139	ng		90
33) 4-Chloroaniline	8.36	127	669215	33.002	ng		96
34) Hexachlorobutadiene	8.43	225	477829	47.960	ng		97
35) Caprolactam	8.74	113	255492m	57.116	ng		
36) 4-Chloro-3-methylphenol	8.84	107	771600	50.107	ng		96
37) 2-Methylnaphthalene	9.01	142	1562079	47.449	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	768780	46.672	ng		98
40) Hexachlorocyclopentadiene	9.17	237	954150	89.681	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	528877	51.741	ng		98
43) 2,4,5-Trichlorophenol	9.32	196	586279	52.103	ng		97
45) 1,1'-Biphenyl	9.48	154	1883392	47.623	ng		97
46) 2-Chloronaphthalene	9.51	162	1492085	47.736	ng		99
47) 2-Nitroaniline	9.60	65	533774	52.777	ng		88
48) Acenaphthylene	9.92	152	2340153	47.357	ng		96
49) Dimethylphthalate	9.78	163	1802747	48.248	ng	#	97
50) 2,6-Dinitrotoluene	9.84	165	405028	51.812	ng		93
51) Acenaphthene	10.10	154	1532723	50.641	ng		96
52) 3-Nitroaniline	10.01	138	354382	41.433	ng		94
53) 2,4-Dinitrophenol	10.12	184	252912	85.883	ng	#	21
54) Dibenzofuran	10.27	168	2060958	47.000	ng		92
55) 4-Nitrophenol	10.17	139	675001	104.218	ng	#	78
56) 2,4-Dinitrotoluene	10.25	165	545527	54.215	ng	#	93
57) Fluorene	10.62	166	1645403	47.401	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	493569	52.480	ng	#	87
59) Diethylphthalate	10.48	149	1756228	48.540	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	847321	46.845	ng		96
61) 4-Nitroaniline	10.64	138	452126	53.467	ng		89
62) Azobenzene	10.77	77	1764536	47.224	ng		91
64) 4,6-Dinitro-2-methylphenol	10.66	198	193934	46.357	ng		80
65) n-Nitrosodiphenylamine	10.72	169	1515694	45.825	ng		99
66) 4-Bromophenyl-phenylether	11.10	248	564499	46.409	ng		92
67) Hexachlorobenzene	11.17	284	591693	46.233	ng	#	87
68) Atrazine	11.25	200	525035	47.327	ng		97
69) Pentachlorophenol	11.36	266	604881	98.745	ng		97
70) Phenanthrene	11.59	178	2409697	45.645	ng		95
71) Anthracene	11.64	178	2455469	45.380	ng		95
72) Carbazole	11.79	167	2274508	47.313	ng		95
73) Di-n-butylphthalate	12.11	149	2562584	47.061	ng	#	97
74) Fluoranthene	12.78	202	2691725	46.718	ng		93
76) Benzidine	12.90	184	1182724	32.580	ng		98
77) Pyrene	13.01	202	2720050	44.219	ng		93
79) Butylbenzylphthalate	13.62	149	1260581	51.608	ng		92
80) Benzo(a)anthracene	14.21	228	2600183	46.631	ng		94
81) 3,3'-Dichlorobenzidine	14.17	252	762580	38.161	ng	#	97
82) Chrysene	14.25	228	2344235	45.856	ng		93
83) Bis(2-ethylhexyl)phthalate	14.18	149	1625851	49.153	ng	#	95
84) Di-n-octyl phthalate	14.80	149	2517614	49.907	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.39	276	2118702	47.832	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	2313404	52.014	ng		94
88) Benzo(k)fluoranthene	15.34	252	2004166	49.020	ng	#	95
89) Benzo(a)pyrene	15.71	252	1976800	49.634	ng	#	95
90) Dibenzo(a,h)anthracene	17.42	278	1767302	53.630	ng	#	93
91) Benzo(g,h,i)perylene	17.90	276	1799206	55.447	ng	#	89

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

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