Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097960.D
Acq On : 22 Aug 2017 18:16
Operator : SJ/JU
Sample : PB101706BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:41 PM

Quant Time: Aug 23 01:28:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	123697	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	503367	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	241168	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	463998	20.00	ng		0.00
75) Chrysene-d12	13.90	240	345937	20.00	ng		0.00
86) Perylene-d12	15.32	264	259478	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	663090	81.54	ng		0.01
7) Phenol-d6	6.39	99	890919	80.63	ng		0.00
23) Nitrobenzene-d5	7.32	82	816628	88.13	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	178204	85.16	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1256045	76.52	ng		0.00
78) Terphenyl-d14	12.86	244	1097305	66.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	152534	33.633	ng		90
3) Pyridine	3.22	79	434651	34.667	ng		87
4) n-Nitrosodimethylamine	3.18	42	172295	35.714	ng		80
6) Aniline	6.41	93	393540	25.353	ng		97
8) 2-Chlorophenol	6.53	128	336571	39.244	ng		96
9) Benzaldehyde	6.30	77	236514	33.794	ng		89
10) Phenol	6.40	94	488552	37.806	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	367553	37.684	ng		98
12) 1,3-Dichlorobenzene	6.69	146	332122	36.002	ng	#	90
13) 1,4-Dichlorobenzene	6.77	146	335389	35.747	ng		95
14) 1,2-Dichlorobenzene	6.92	146	310380	35.877	ng		99
15) Benzyl Alcohol	6.89	79	337226	40.765	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	497093	37.879	ng		91
17) 2-Methylphenol	7.01	107	309155	40.905	ng		96
18) Hexachloroethane	7.26	117	140327	38.149	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	273305	36.133	ng		90
20) 3+4-Methylphenols	7.16	107	359963	38.995	ng		93
22) Acetophenone	7.16	105	482617	36.293	ng	#	91
24) Nitrobenzene	7.33	77	430401	41.718	ng		93
25) Isophorone	7.57	82	792178	41.115	ng		97
26) 2-Nitrophenol	7.65	139	174517	46.833	ng	#	82
27) 2,4-Dimethylphenol	7.69	122	313567	39.023	ng		94
28) bis(2-Chloroethoxy)methane	7.79	93	495680	39.132	ng		98
29) 2,4-Dichlorophenol	7.89	162	271133	40.648	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	272817	36.895	ng		99
31) Naphthalene	8.06	128	964402	36.905	ng		100
32) Benzoic acid	7.82	122	209603	37.429	ng		89
33) 4-Chloroaniline	8.10	127	207744	18.850	ng		98
34) Hexachlorobutadiene	8.17	225	157542	36.491	ng		99
35) Caprolactam	8.48	113	98679m	43.517	ng		
36) 4-Chloro-3-methylphenol	8.59	107	339260	39.587	ng	#	81
37) 2-Methylnaphthalene	8.75	142	646525	40.354	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	249808	33.752	ng	#	96
40) Hexachlorocyclopentadiene	8.90	237	304021	85.503	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	193283	38.897	ng		98
43) 2,4,5-Trichlorophenol	9.06	196	203070	41.193	ng		96
45) 1,1'-Biphenyl	9.21	154	759471	34.534	ng		96
46) 2-Chloronaphthalene	9.23	162	563922	34.704	ng	#	92
47) 2-Nitroaniline	9.33	65	228915	42.022	ng		96
48) Acenaphthylene	9.65	152	934744	36.631	ng		100
49) Dimethylphthalate	9.52	163	693482	39.338	ng		100
50) 2,6-Dinitrotoluene	9.57	165	150038	42.638	ng	#	54
51) Acenaphthene	9.82	154	560812	34.847	ng		99
52) 3-Nitroaniline	9.74	138	109382	24.093	ng		85
53) 2,4-Dinitrophenol	9.85	184	112190	68.670	ng	#	76
54) Dibenzofuran	9.99	168	839746	38.933	ng		99
55) 4-Nitrophenol	9.91	139	267111	73.755	ng	#	39
56) 2,4-Dinitrotoluene	9.98	165	198432	44.934	ng	#	58
57) Fluorene	10.33	166	609947	36.576	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	167363	43.850	ng		94
59) Diethylphthalate	10.22	149	722298	39.181	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	285931	36.908	ng		89
61) 4-Nitroaniline	10.36	138	166781	38.652	ng	#	71
62) Azobenzene	10.49	77	877796	40.086	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	86538	41.038	ng	#	77
65) n-Nitrosodiphenylamine	10.45	169	572896	36.258	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	182889	37.957	ng		98
67) Hexachlorobenzene	10.88	284	175857	35.808	ng	#	88
68) Atrazine	10.98	200	178627	42.629	ng		98
69) Pentachlorophenol	11.07	266	201124	70.238	ng		99
70) Phenanthrene	11.30	178	917042	37.089	ng		99
71) Anthracene	11.35	178	936605	37.348	ng		99
72) Carbazole	11.50	167	887450	37.281	ng		99
73) Di-n-butylphthalate	11.83	149	1137862	41.499	ng		99
74) Fluoranthene	12.48	202	976777	37.849	ng		99
76) Benzidine	12.60	184	360543	31.787	ng	#	92
77) Pyrene	12.70	202	999040	35.310	ng		99
79) Butylbenzylphthalate	13.33	149	477961	44.060	ng	#	67
80) Benzo(a)anthracene	13.89	228	728114	35.118	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	171509	24.514	ng	#	95
82) Chrysene	13.93	228	750963	36.410	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	557309	46.363	ng	#	100
84) Di-n-octyl phthalate	14.50	149	1004262	48.015	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	575590	37.936	ng		93
87) Benzo(b)fluoranthene	14.92	252	611952	37.415	ng		98
88) Benzo(k)fluoranthene	14.94	252	602602	39.216	ng	#	94
89) Benzo(a)pyrene	15.26	252	570732	39.417	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	473023	40.128	ng		98
91) Benzo(g,h,i)perylene	17.12	276	485700	39.489	ng	#	93

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

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