Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097963.D
Acq On : 22 Aug 2017 19:41
Operator : SJ/JU
Sample : PB101741BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 23 01:38:17 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

Instrument :
BNA_F
ClientSampleId :
PB101741BS

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:43 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	108832	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	463299	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	218863	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	429345	20.00	ng		0.00
75) Chrysene-d12	13.90	240	322570	20.00	ng		0.00
86) Perylene-d12	15.32	264	241633	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	882281	123.31	ng		0.02
7) Phenol-d6	6.39	99	1197955	123.23	ng		0.00
23) Nitrobenzene-d5	7.32	82	750767	88.03	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	246444	129.78	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1187448	79.71	ng		0.00
78) Terphenyl-d14	12.86	244	1069487	69.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	138700	34.760	ng		91
3) Pyridine	3.21	79	392522	35.583	ng		88
4) n-Nitrosodimethylamine	3.17	42	158497	37.342	ng		82
6) Aniline	6.41	93	257099	18.826	ng		98
8) 2-Chlorophenol	6.53	128	312520	41.417	ng		95
9) Benzaldehyde	6.30	77	202275	32.849	ng		91
10) Phenol	6.40	94	444774	39.119	ng		97
11) bis(2-Chloroethyl)ether	6.49	93	346119	40.333	ng		98
12) 1,3-Dichlorobenzene	6.69	146	309920	38.184	ng	#	90
13) 1,4-Dichlorobenzene	6.77	146	313235	37.946	ng		95
14) 1,2-Dichlorobenzene	6.92	146	293045	38.500	ng		98
15) Benzyl Alcohol	6.89	79	319301	43.870	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	463573	40.150	ng		92
17) 2-Methylphenol	7.01	107	290736	43.723	ng		97
18) Hexachloroethane	7.26	117	129081	39.884	ng	#	84
19) n-Nitroso-di-n-propylamine	7.17	70	258798	38.888	ng		90
20) 3+4-Methylphenols	7.16	107	341695	42.072	ng		93
22) Acetophenone	7.16	105	455629	37.227	ng	#	91
24) Nitrobenzene	7.33	77	402403	42.377	ng		93
25) Isophorone	7.57	82	739870	41.722	ng		97
26) 2-Nitrophenol	7.65	139	161056	46.945	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	299625	40.513	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	464097	39.807	ng		98
29) 2,4-Dichlorophenol	7.89	162	256770	41.824	ng		94
30) 1,2,4-Trichlorobenzene	7.97	180	256785	37.730	ng		100
31) Naphthalene	8.05	128	909641	37.820	ng		100
32) Benzoic acid	7.82	122	197708	38.199	ng		86
33) 4-Chloroaniline	8.10	127	108057	10.653	ng		99
34) Hexachlorobutadiene	8.17	225	146471	36.860	ng		96
35) Caprolactam	8.48	113	95713m	45.859	ng		
36) 4-Chloro-3-methylphenol	8.59	107	329257	41.742	ng	#	79
37) 2-Methylnaphthalene	8.75	142	612444	41.532	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	237962	35.428	ng	#	97
40) Hexachlorocyclopentadiene	8.90	237	282688	87.605	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	182993	40.579	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	189923	42.453	ng		95
45) 1,1'-Biphenyl	9.21	154	718510	36.001	ng		97
46) 2-Chloronaphthalene	9.23	162	539044	36.554	ng	#	92
47) 2-Nitroaniline	9.33	65	222667	45.041	ng		94
48) Acenaphthylene	9.65	152	892912	38.558	ng		99
49) Dimethylphthalate	9.52	163	663493	41.473	ng		100
50) 2,6-Dinitrotoluene	9.57	165	142838	44.729	ng	#	55
51) Acenaphthene	9.82	154	538168	36.848	ng		99
52) 3-Nitroaniline	9.74	138	73015	17.722	ng		93
53) 2,4-Dinitrophenol	9.85	184	131509	85.740	ng	#	78
54) Dibenzofuran	9.99	168	796166	40.674	ng		99
55) 4-Nitrophenol	9.91	139	256766	78.124	ng	#	40
56) 2,4-Dinitrotoluene	9.98	165	190720	47.590	ng	#	62
57) Fluorene	10.33	166	589632	38.962	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	159296	45.990	ng		95
59) Diethylphthalate	10.22	149	697351	41.683	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	276998	39.399	ng		89
61) 4-Nitroaniline	10.36	138	156586	39.987	ng	#	69
62) Azobenzene	10.49	77	853328	42.940	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	91499	45.706	ng	#	78
65) n-Nitrosodiphenylamine	10.45	169	561455	38.402	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	176143	39.507	ng		96
67) Hexachlorobenzene	10.88	284	166759	36.696	ng	#	85
68) Atrazine	10.98	200	175714	45.318	ng		98
69) Pentachlorophenol	11.07	266	197091	74.385	ng		97
70) Phenanthrene	11.29	178	893958	39.074	ng		99
71) Anthracene	11.35	178	921794	39.724	ng		99
72) Carbazole	11.50	167	872868	39.628	ng		99
73) Di-n-butylphthalate	11.83	149	1128670	44.486	ng		99
74) Fluoranthene	12.48	202	953643	39.935	ng		98
76) Benzidine	12.60	184	289636m	27.385	ng		
77) Pyrene	12.70	202	983888	37.293	ng		99
79) Butylbenzylphthalate	13.33	149	474346	46.895	ng	#	68
80) Benzo(a)anthracene	13.89	228	716484	37.060	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	140526	21.541	ng	#	96
82) Chrysene	13.93	228	744209	38.697	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	546464	48.754	ng	#	100
84) Di-n-octyl phthalate	14.50	149	995025	51.020	ng		98
85) Indeno(1,2,3-cd)pyrene	16.70	276	562160	39.735	ng		93
87) Benzo(b)fluoranthene	14.92	252	612655	40.225	ng		98
88) Benzo(k)fluoranthene	14.94	252	596783	41.705	ng	#	94
89) Benzo(a)pyrene	15.26	252	563067	41.760	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	465161	42.375	ng		97
91) Benzo(g,h,i)perylene	17.12	276	479347	41.851	ng	#	92

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

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