Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090817\
Data File : BF098375.D
Acq On : 9 Sep 2017 5:04
Operator : SJ/JU
Sample : PB102179BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102179BS

Manual Integrations APPROVED
Sohil
9/11/2017 4:48:04 PM

Quant Time: Sep 09 05:42:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	97813	20.00	ng		-0.02
21) Naphthalene-d8	7.97	136	353602	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	128377	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	213649	20.00	ng		-0.02
75) Chrysene-d12	13.84	240	206331	20.00	ng		-0.02
86) Perylene-d12	15.24	264	146263	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	758349	117.93	ng		0.00
7) Phenol-d6	6.35	99	981151	112.30	ng		0.00
23) Nitrobenzene-d5	7.26	82	610214	93.75	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	132489	118.94	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	856537	98.03	ng		-0.02
78) Terphenyl-d14	12.79	244	635953	64.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	120753	33.671	ng	#	85
3) Pyridine	3.09	79	340428	34.337	ng	#	83
4) n-Nitrosodimethylamine	3.05	42	119659	31.367	ng	#	61
6) Aniline	6.35	93	211558	17.236	ng	#	63
8) 2-Chlorophenol	6.47	128	260663	38.436	ng		95
9) Benzaldehyde	6.23	77	65958	11.918	ng		86
10) Phenol	6.36	94	353553	34.599	ng		94
11) bis(2-Chloroethyl)ether	6.43	93	308642	40.018	ng		94
12) 1,3-Dichlorobenzene	6.62	146	280651m	38.473	ng		
13) 1,4-Dichlorobenzene	6.70	146	283811	38.254	ng		95
14) 1,2-Dichlorobenzene	6.86	146	260159	38.030	ng		98
15) Benzyl Alcohol	6.84	79	226492	34.624	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	353785	34.093	ng	#	29
17) 2-Methylphenol	6.96	107	223903	37.465	ng	#	88
18) Hexachloroethane	7.19	117	78667	27.045	ng	#	83
19) n-Nitroso-di-n-propylamine	7.11	70	217055	36.290	ng	#	88
20) 3+4-Methylphenols	7.12	107	301012	41.238	ng	#	65
22) Acetophenone	7.10	105	393114	42.083	ng	#	83
24) Nitrobenzene	7.27	77	308445	42.559	ng		95
25) Isophorone	7.52	82	552900	40.851	ng		100
26) 2-Nitrophenol	7.59	139	73193	30.080	ng	#	84
27) 2,4-Dimethylphenol	7.64	122	225256	39.906	ng		94
28) bis(2-Chloroethoxy)methane	7.72	93	367176	41.264	ng		99
29) 2,4-Dichlorophenol	7.84	162	174286	37.196	ng		93
30) 1,2,4-Trichlorobenzene	7.91	180	205216	39.508	ng		98
31) Naphthalene	7.99	128	712240	38.799	ng		99
32) Benzoic acid	7.80	122	14052	9.365	ng		98
33) 4-Chloroaniline	8.05	127	110862	14.320	ng		97
34) Hexachlorobutadiene	8.10	225	123394	40.686	ng		98
35) Caprolactam	8.42	113	55484	34.831	ng		91
36) 4-Chloro-3-methylphenol	8.55	107	196391	32.622	ng	#	84
37) 2-Methylnaphthalene	8.68	142	437501	38.873	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	177641	45.088	ng		99
40) Hexachlorocyclopentadiene	8.83	237	8150	4.306	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	94664	35.788	ng		96
43) 2,4,5-Trichlorophenol	9.02	196	99658	37.977	ng		97
45) 1,1'-Biphenyl	9.15	154	497424	42.490	ng		96
46) 2-Chloronaphthalene	9.17	162	349720	40.431	ng	#	92
47) 2-Nitroaniline	9.27	65	126266	43.543	ng		88
48) Acenaphthylene	9.58	152	538681	39.657	ng		99
49) Dimethylphthalate	9.45	163	439771	46.864	ng		99
50) 2,6-Dinitrotoluene	9.52	165	79714	42.557	ng	#	81
51) Acenaphthene	9.75	154	317263	37.034	ng		100
52) 3-Nitroaniline	9.68	138	97969	40.538	ng		87
53) 2,4-Dinitrophenol	9.81	184	896	11.020	ng	#	74
54) Dibenzofuran	9.93	168	463183	40.342	ng		96
55) 4-Nitrophenol	9.87	139	93618	48.561	ng	#	48
56) 2,4-Dinitrotoluene	9.92	165	87480	37.214	ng	#	45
57) Fluorene	10.27	166	340984	38.413	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.05	232	68522	33.727	ng	#	90
59) Diethylphthalate	10.15	149	419846	42.784	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	170930	41.448	ng		89
61) 4-Nitroaniline	10.30	138	97194	42.315	ng		85
62) Azobenzene	10.42	77	430486	36.931	ng		92
64) 4,6-Dinitro-2-methylphenol	10.33	198	1851	9.841	ng		89
65) n-Nitrosodiphenylamine	10.38	169	310850	42.726	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	97235	43.827	ng		99
67) Hexachlorobenzene	10.82	284	92063	40.712	ng	#	91
68) Atrazine	10.91	200	87040	45.112	ng		97
69) Pentachlorophenol	11.02	266	33386	25.321	ng		97
70) Phenanthrene	11.23	178	463337	40.698	ng		98
71) Anthracene	11.28	178	479230	41.502	ng		98
72) Carbazole	11.44	167	450717	41.121	ng		97
73) Di-n-butylphthalate	11.77	149	605375	47.950	ng		99
74) Fluoranthene	12.42	202	522407	43.962	ng		97
76) Benzidine	12.54	184	269690m	39.865	ng		
77) Pyrene	12.64	202	539742	31.984	ng		97
79) Butylbenzylphthalate	13.26	149	268071	41.432	ng	#	75
80) Benzo(a)anthracene	13.83	228	468019	37.846	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	133221	31.925	ng	#	95
82) Chrysene	13.87	228	467720	38.021	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	372637	51.975	ng	#	99
84) Di-n-octyl phthalate	14.43	149	714018	57.237	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	314106	34.710	ng		97
87) Benzo(b)fluoranthene	14.85	252	419417	45.493	ng		97
88) Benzo(k)fluoranthene	14.87	252	361849	41.776	ng	#	95
89) Benzo(a)pyrene	15.19	252	350368	42.928	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	267062	40.192	ng		98
91) Benzo(g,h,i)perylene	17.01	276	252853	36.470	ng		93

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

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