Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102317\
Data File : BF099764.D
Acq On : 23 Oct 2017 17:40
Operator : SJ/JU
Sample : PB103538BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103538BS

Manual Integrations APPROVED
Sohil
10/24/2017 8:40:59 PM

Quant Time: Oct 23 23:40:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 23:39:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	93410	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	397524	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	194635	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	336040	20.00	ng		0.00
75) Chrysene-d12	13.98	240	178695	20.00	ng		0.00
86) Perylene-d12	15.44	264	179898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	633934	106.55	ng		0.01
7) Phenol-d6	6.45	99	761338	107.92	ng		0.00
23) Nitrobenzene-d5	7.37	82	447321	72.45	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	182396	102.83	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	962244	76.28	ng		0.00
78) Terphenyl-d14	12.92	244	749343	91.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	81935	31.185	ng		91
3) Pyridine	3.38	79	202946	32.120	ng		88
4) n-Nitrosodimethylamine	3.33	42	78572	34.809	ng	#	64
6) Aniline	6.47	93	213927	23.387	ng		97
8) 2-Chlorophenol	6.59	128	242542	38.248	ng		93
9) Benzaldehyde	6.36	77	140322	33.286	ng		87
10) Phenol	6.46	94	288338	37.225	ng		98
11) bis(2-Chloroethyl)ether	6.55	93	218579	36.543	ng		93
12) 1,3-Dichlorobenzene	6.75	146	254983m	35.812	ng		
13) 1,4-Dichlorobenzene	6.82	146	260155	36.001	ng		97
14) 1,2-Dichlorobenzene	6.97	146	239209	36.321	ng		96
15) Benzyl Alcohol	6.96	79	172409	38.428	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	281995	42.441	ng		54
17) 2-Methylphenol	7.07	107	197419	37.219	ng		97
18) Hexachloroethane	7.31	117	86682	35.955	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	149074	36.058	ng		91
20) 3+4-Methylphenols	7.22	107	250419	40.546	ng	#	76
22) Acetophenone	7.22	105	316961	35.018	ng	#	97
24) Nitrobenzene	7.39	77	229584	36.902	ng		92
25) Isophorone	7.63	82	449838	40.149	ng		99
26) 2-Nitrophenol	7.71	139	137024	38.453	ng	#	86
27) 2,4-Dimethylphenol	7.75	122	223581	42.584	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	293452	37.398	ng		99
29) 2,4-Dichlorophenol	7.95	162	215737	39.555	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	213798	36.687	ng		99
31) Naphthalene	8.11	128	695322	36.236	ng		100
32) Benzoic acid	7.89	122	120173	26.004	ng		95
33) 4-Chloroaniline	8.16	127	130735	16.499	ng		95
34) Hexachlorobutadiene	8.22	225	106110	35.400	ng		99
35) Caprolactam	8.55	113	69412m	40.469	ng		
36) 4-Chloro-3-methylphenol	8.66	107	220753	39.654	ng		94
37) 2-Methylnaphthalene	8.80	142	499289	38.827	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	208011	33.090	ng		98
40) Hexachlorocyclopentadiene	8.95	237	66378	56.756	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	141803	37.293	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	152076	37.689	ng		93
45) 1,1'-Biphenyl	9.26	154	589299	33.468	ng		98
46) 2-Chloronaphthalene	9.29	162	462284	36.152	ng		97
47) 2-Nitroaniline	9.40	65	124259	37.025	ng		86
48) Acenaphthylene	9.71	152	691434	35.107	ng		99
49) Dimethylphthalate	9.57	163	565761	36.706	ng		100
50) 2,6-Dinitrotoluene	9.64	165	122689	37.864	ng		86
51) Acenaphthene	9.88	154	412524	34.280	ng		99
52) 3-Nitroaniline	9.81	138	83888	21.972	ng		94
53) 2,4-Dinitrophenol	9.93	184	41698	36.007	ng	#	83
54) Dibenzofuran	10.05	168	607426	35.759	ng		99
55) 4-Nitrophenol	9.99	139	136640	68.495	ng		82
56) 2,4-Dinitrotoluene	10.05	165	147721	37.856	ng	#	95
57) Fluorene	10.40	166	495860	35.256	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	110288	38.983	ng		95
59) Diethylphthalate	10.27	149	550289	36.559	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	233059	35.209	ng		97
61) 4-Nitroaniline	10.43	138	114639	31.472	ng		85
62) Azobenzene	10.55	77	466980	37.010	ng		90
64) 4,6-Dinitro-2-methylphenol	10.46	198	44966	21.287	ng		80
65) n-Nitrosodiphenylamine	10.50	169	454604	36.648	ng		100
66) 4-Bromophenyl-phenylether	10.87	248	135806	38.388	ng	#	89
67) Hexachlorobenzene	10.95	284	133766	36.960	ng		94
68) Atrazine	11.03	200	143313	38.461	ng		99
69) Pentachlorophenol	11.15	266	92512	59.820	ng		98
70) Phenanthrene	11.36	178	681024	35.911	ng		99
71) Anthracene	11.41	178	703537	36.548	ng		100
72) Carbazole	11.57	167	635506	35.106	ng		99
73) Di-n-butylphthalate	11.89	149	875450	37.916	ng		99
74) Fluoranthene	12.55	202	624259	31.675	ng		98
76) Benzidine	12.67	184	302283	38.659	ng		98
77) Pyrene	12.78	202	609445	44.852	ng		98
79) Butylbenzylphthalate	13.39	149	300286	44.879	ng		91
80) Benzo(a)anthracene	13.97	228	419586	37.040	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	109880	26.722	ng		98
82) Chrysene	14.01	228	403839	37.920	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	406532	43.265	ng		98
84) Di-n-octyl phthalate	14.55	149	615168	38.144	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	455707	46.611	ng		98
87) Benzo(b)fluoranthene	15.02	252	409650	36.062	ng		99
88) Benzo(k)fluoranthene	15.04	252	384725	35.916	ng		99
89) Benzo(a)pyrene	15.39	252	391298	38.347	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	377380	41.621	ng		99
91) Benzo(g,h,i)perylene	17.37	276	384016	43.290	ng		97

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

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