Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099823.D
Acq On : 25 Oct 2017 19:51
Operator : SJ/JU
Sample : PB103580BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:01 AM

Quant Time: Oct 26 03:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	69706	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	292079	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	132717	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	234510	20.00	ng		0.00
75) Chrysene-d12	13.99	240	167642	20.00	ng		0.00
86) Perylene-d12	15.46	264	151897	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	439294	98.94	ng		0.00
7) Phenol-d6	6.44	99	513398	97.52	ng		0.00
23) Nitrobenzene-d5	7.36	82	289697	63.86	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	114107	94.34	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	625893	72.76	ng		0.00
78) Terphenyl-d14	12.92	244	529672	69.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	56546	28.840	ng	#	89
3) Pyridine	3.35	79	136653	28.983	ng	#	87
4) n-Nitrosodimethylamine	3.27	42	50733	30.119	ng	#	77
6) Aniline	6.46	93	103198	15.118	ng	#	91
8) 2-Chlorophenol	6.58	128	160626	33.944	ng		94
9) Benzaldehyde	6.35	77	86726	27.568	ng		92
10) Phenol	6.45	94	190161	32.899	ng		92
11) bis(2-Chloroethyl)ether	6.53	93	143667	32.187	ng		94
12) 1,3-Dichlorobenzene	6.73	146	171924m	32.358	ng		
13) 1,4-Dichlorobenzene	6.81	146	172764	32.038	ng		97
14) 1,2-Dichlorobenzene	6.96	146	165143	33.602	ng		97
15) Benzyl Alcohol	6.95	79	114414	34.173	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	184900	37.291	ng		75
17) 2-Methylphenol	7.06	107	128225	32.395	ng		96
18) Hexachloroethane	7.30	117	55274	30.724	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	98284	31.857	ng		92
20) 3+4-Methylphenols	7.21	107	165162	35.835	ng	#	61
22) Acetophenone	7.20	105	208574	31.363	ng	#	94
24) Nitrobenzene	7.38	77	146139	31.969	ng		92
25) Isophorone	7.62	82	277530	33.712	ng		97
26) 2-Nitrophenol	7.70	139	85358	32.602	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	142877	37.037	ng		96
28) bis(2-Chloroethoxy)methane	7.83	93	186414	32.333	ng		100
29) 2,4-Dichlorophenol	7.95	162	135238	33.747	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	137933	32.214	ng		98
31) Naphthalene	8.10	128	456084	32.349	ng		99
32) Benzoic acid	7.87	122	66337	19.537	ng		96
33) 4-Chloroaniline	8.16	127	73249	12.582	ng		95
34) Hexachlorobutadiene	8.21	225	69891	31.734	ng		97
35) Caprolactam	8.53	113	41470	32.907	ng	#	76
36) 4-Chloro-3-methylphenol	8.65	107	132650	32.431	ng		89
37) 2-Methylnaphthalene	8.79	142	318465	33.706	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126853	29.594	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	6700	18.921	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	86832	33.490	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	90692	32.962	ng		93
45) 1,1'-Biphenyl	9.26	154	366844	30.555	ng		98
46) 2-Chloronaphthalene	9.29	162	286185	32.822	ng		96
47) 2-Nitroaniline	9.39	65	73146	31.963	ng		87
48) Acenaphthylene	9.70	152	423485	31.534	ng		100
49) Dimethylphthalate	9.56	163	336447	32.012	ng		99
50) 2,6-Dinitrotoluene	9.63	165	72600	32.859	ng	#	82
51) Acenaphthene	9.87	154	255525	31.140	ng		99
52) 3-Nitroaniline	9.80	138	51727	19.869	ng		92
53) 2,4-Dinitrophenol	9.93	184	11136	17.607	ng	#	79
54) Dibenzofuran	10.05	168	379372	32.753	ng		97
55) 4-Nitrophenol	9.99	139	82867	60.919	ng		82
56) 2,4-Dinitrotoluene	10.05	165	88002	33.073	ng		95
57) Fluorene	10.39	166	303959	31.694	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	64445	33.406	ng		96
59) Diethylphthalate	10.26	149	320186	31.196	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	142209	31.507	ng		89
61) 4-Nitroaniline	10.43	138	64731	26.061	ng		81
62) Azobenzene	10.54	77	267274	31.065	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	14578	9.889	ng		85
65) n-Nitrosodiphenylamine	10.50	169	268247	30.987	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	80102	32.445	ng		91
67) Hexachlorobenzene	10.94	284	78455	31.062	ng		95
68) Atrazine	11.03	200	83525	32.120	ng		98
69) Pentachlorophenol	11.15	266	58498	54.202	ng		98
70) Phenanthrene	11.36	178	427095	32.271	ng		98
71) Anthracene	11.41	178	437253	32.549	ng		99
72) Carbazole	11.57	167	406915	32.211	ng		99
73) Di-n-butylphthalate	11.89	149	515932	32.020	ng		98
74) Fluoranthene	12.55	202	431154	31.348	ng		96
76) Benzidine	12.67	184	236480	32.238	ng		98
77) Pyrene	12.78	202	426518	33.459	ng		99
79) Butylbenzylphthalate	13.39	149	209140	33.317	ng		94
80) Benzo(a)anthracene	13.97	228	334603	31.485	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	103695	26.880	ng		98
82) Chrysene	14.01	228	321544	32.183	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	295385	33.509	ng		98
84) Di-n-octyl phthalate	14.56	149	477634	31.569	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	254097	27.703	ng		96
87) Benzo(b)fluoranthene	15.03	252	299515	31.227	ng		98
88) Benzo(k)fluoranthene	15.06	252	306685	33.908	ng		99
89) Benzo(a)pyrene	15.40	252	289188	33.564	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	220061	28.744	ng		98
91) Benzo(g,h,i)perylene	17.39	276	203982	27.234	ng		99

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

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