Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101417\
Data File : BF099500.D
Acq On : 15 Oct 2017 2:40
Operator : SJ/JU
Sample : PB103194BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Manual Integrations APPROVED
Sohil
10/15/2017 12:41:29 PM

Quant Time: Oct 15 04:28:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 14 23:44:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108921	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	458362	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	205874	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	344134	20.00	ng		0.00
75) Chrysene-d12	14.02	240	191740	20.00	ng		0.00
86) Perylene-d12	15.49	264	179334	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	749201	109.50	ng		0.01
7) Phenol-d6	6.50	99	898104	106.40	ng		0.00
23) Nitrobenzene-d5	7.42	82	535115	74.87	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	170610	101.28	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1011303	82.01	ng		0.00
78) Terphenyl-d14	12.96	244	782866	92.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	98146	30.03	ng		96
3) Pyridine	3.48	79	255325	28.88	ng		92
4) n-Nitrosodimethylamine	3.43	42	113399	30.24	ng	#	85
6) Aniline	6.52	93	235593	20.68	ng		99
8) 2-Chlorophenol	6.65	128	277755	35.85	ng		93
9) Benzaldehyde	6.41	77	93411	19.08	ng		94
10) Phenol	6.51	94	336767	35.68	ng		98
11) bis(2-Chloroethyl)ether	6.59	93	259040	35.30	ng		96
12) 1,3-Dichlorobenzene	6.79	146	293318	36.15	ng		97
13) 1,4-Dichlorobenzene	6.87	146	299156	36.23	ng		98
14) 1,2-Dichlorobenzene	7.02	146	275354	36.09	ng		98
15) Benzyl Alcohol	7.00	79	207919	33.58	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	359310	31.43	ng		91
17) 2-Methylphenol	7.11	107	225232	35.53	ng		99
18) Hexachloroethane	7.36	117	102815	34.65	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	171477	31.82	ng		92
20) 3+4-Methylphenols	7.26	107	274323	34.20	ng	#	70
22) Acetophenone	7.26	105	358921	32.32	ng	#	97
24) Nitrobenzene	7.44	77	275978	34.04	ng		95
25) Isophorone	7.67	82	506102	34.25	ng		99
26) 2-Nitrophenol	7.76	139	153672	39.41	ng	#	87
27) 2,4-Dimethylphenol	7.79	122	242401	32.92	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	327855	35.60	ng		99
29) 2,4-Dichlorophenol	8.00	162	229806	36.35	ng		96
30) 1,2,4-Trichlorobenzene	8.07	180	230607	36.47	ng		100
31) Naphthalene	8.16	128	777216	36.10	ng		100
32) Benzoic acid	7.91	122	84058m	13.90	ng		
33) 4-Chloroaniline	8.21	127	110191	12.26	ng		95
34) Hexachlorobutadiene	8.27	225	116883	35.89	ng		98
35) Caprolactam	8.59	113	69848m	34.44	ng		
36) 4-Chloro-3-methylphenol	8.70	107	236440	33.28	ng		94
37) 2-Methylnaphthalene	8.85	142	539402	38.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	210360	34.26	ng		98
40) Hexachlorocyclopentadiene	9.00	237	118933	42.39	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	141105	32.44	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	146891	33.83	ng		96
45) 1,1'-Biphenyl	9.31	154	626587	35.41	ng		99
46) 2-Chloronaphthalene	9.34	162	489951	36.88	ng		97
47) 2-Nitroaniline	9.44	65	139403	34.27	ng		95
48) Acenaphthylene	9.76	152	735517	36.17	ng		99
49) Dimethylphthalate	9.61	163	569755	36.67	ng		100
50) 2,6-Dinitrotoluene	9.68	165	127692	37.75	ng		89
51) Acenaphthene	9.93	154	432261	33.55	ng		100
52) 3-Nitroaniline	9.85	138	85095	21.57	ng		90
53) 2,4-Dinitrophenol	9.97	184	33664	23.55	ng		88
54) Dibenzofuran	10.10	168	638447	37.22	ng		100
55) 4-Nitrophenol	10.02	139	122522	36.74	ng		87
56) 2,4-Dinitrotoluene	10.09	165	159531	36.34	ng		97
57) Fluorene	10.44	166	513784	37.27	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	101606	33.88	ng		97
59) Diethylphthalate	10.31	149	543345	35.79	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	231299	37.35	ng		98
61) 4-Nitroaniline	10.47	138	132923	34.93	ng		90
62) Azobenzene	10.59	77	500607	35.86	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	38967	18.61	ng		90
65) n-Nitrosodiphenylamine	10.55	169	451861	37.90	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	131690	39.09	ng	#	90
67) Hexachlorobenzene	10.99	284	131727	36.61	ng		98
68) Atrazine	11.07	200	140245	39.10	ng		98
69) Pentachlorophenol	11.19	266	71382	31.88	ng		98
70) Phenanthrene	11.40	178	705485	38.30	ng		99
71) Anthracene	11.46	178	722828	38.35	ng		100
72) Carbazole	11.62	167	666871	36.13	ng		99
73) Di-n-butylphthalate	11.93	149	837469	37.70	ng		99
74) Fluoranthene	12.59	202	664429	35.62	ng		99
76) Benzidine	12.72	184	119814	16.89	ng		98
77) Pyrene	12.82	202	660676	45.19	ng		100
79) Butylbenzylphthalate	13.43	149	292633	42.59	ng		97
80) Benzo(a)anthracene	14.01	228	444801	38.31	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	86059	20.22	ng		99
82) Chrysene	14.05	228	430798	38.97	ng		97
83) Bis(2-ethylhexyl)phthalate	13.98	149	355204	37.54	ng	#	99
84) Di-n-octyl phthalate	14.59	149	524846	34.45	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.99	276	465301	52.62	ng		97
87) Benzo(b)fluoranthene	15.06	252	387268m	35.12	ng		
88) Benzo(k)fluoranthene	15.09	252	402501	36.96	ng		99
89) Benzo(a)pyrene	15.43	252	391957	38.73	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	382387	47.21	ng	#	96
91) Benzo(g,h,i)perylene	17.43	276	406122	50.72	ng		96

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

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