Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097970.D
Acq On : 22 Aug 2017 22:59
Operator : SJ/JU
Sample : I4872-16MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15-COMPMS

Manual Integrations APPROVED
Sohil
8/23/2017 3:03:49 PM

Quant Time: Aug 23 12:27:17 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	137937	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	554678	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	238751	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	394964	20.00	ng		0.00
75) Chrysene-d12	13.90	240	267955	20.00	ng		0.00
86) Perylene-d12	15.32	264	260883	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	933801	102.97	ng		0.02
7) Phenol-d6	6.40	99	1249668	101.42	ng		0.01
23) Nitrobenzene-d5	7.32	82	802939	78.64	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	167677	80.94	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1166444	71.78	ng		0.00
78) Terphenyl-d14	12.85	244	747278	58.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	130598	25.823	ng		90
3) Pyridine	3.22	79	349328	24.986	ng		85
4) n-Nitrosodimethylamine	3.15	42	160516	29.838	ng	#	77
6) Aniline	6.42	93	399182	23.062	ng		96
8) 2-Chlorophenol	6.54	128	303722	31.758	ng		97
9) Benzaldehyde	6.30	77	261864	33.553	ng		87
10) Phenol	6.41	94	459882	31.913	ng		89
11) bis(2-Chloroethyl)ether	6.49	93	344967	31.717	ng		97
12) 1,3-Dichlorobenzene	6.69	146	295582	28.733	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	301618	28.829	ng	#	93
14) 1,2-Dichlorobenzene	6.92	146	284033	29.443	ng		100
15) Benzyl Alcohol	6.90	79	305269	33.092	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	451376	30.844	ng		90
17) 2-Methylphenol	7.01	107	273102	32.405	ng		95
18) Hexachloroethane	7.26	117	112158	27.343	ng	#	83
19) n-Nitroso-di-n-propylamine	7.17	70	255457	30.287	ng		90
20) 3+4-Methylphenols	7.16	107	319197	31.009	ng	#	87
22) Acetophenone	7.16	105	453816	30.970	ng	#	90
24) Nitrobenzene	7.33	77	391709	34.455	ng		93
25) Isophorone	7.57	82	713476	33.605	ng		96
26) 2-Nitrophenol	7.65	139	100801	27.050	ng	#	80
27) 2,4-Dimethylphenol	7.69	122	261612	29.545	ng		92
28) bis(2-Chloroethoxy)methane	7.79	93	458597	32.855	ng	#	98
29) 2,4-Dichlorophenol	7.89	162	223302	30.381	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	246186	30.214	ng		98
31) Naphthalene	8.06	128	878299	30.501	ng		100
32) Benzoic acid	7.75	122	5888m	7.195	ng		
33) 4-Chloroaniline	8.10	127	280312	23.082	ng		99
34) Hexachlorobutadiene	8.17	225	140119	29.453	ng		98
35) Caprolactam	8.47	113	67165m	26.879	ng		
36) 4-Chloro-3-methylphenol	8.59	107	266611	28.232	ng	#	79
37) 2-Methylnaphthalene	8.75	142	581269	32.924	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	235826	32.185	ng		98
40) Hexachlorocyclopentadiene	8.90	237	90606	25.740	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	137058	27.861	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	130189	26.676	ng		98
45) 1,1'-Biphenyl	9.21	154	679481	31.209	ng		96
46) 2-Chloronaphthalene	9.23	162	497709	30.939	ng	#	91
47) 2-Nitroaniline	9.33	65	199368	36.968	ng		96
48) Acenaphthylene	9.65	152	790035	31.274	ng		99
49) Dimethylphthalate	9.52	163	779458	44.663	ng		99
50) 2,6-Dinitrotoluene	9.57	165	118335	33.969	ng	#	55
51) Acenaphthene	9.82	154	468194	29.386	ng		99
52) 3-Nitroaniline	9.75	138	144120	32.066	ng		90
53) 2,4-Dinitrophenol	9.85	184	3143	11.798	ng	#	81
54) Dibenzofuran	9.99	168	700386	32.801	ng		98
55) 4-Nitrophenol	9.90	139	115833	32.308	ng	#	31
56) 2,4-Dinitrotoluene	9.97	165	145327	33.242	ng	#	48
57) Fluorene	10.33	166	504900	30.584	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	94846	25.102	ng		95
59) Diethylphthalate	10.22	149	629606	34.498	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	246097	32.088	ng		90
61) 4-Nitroaniline	10.35	138	132669	31.058	ng	#	66
62) Azobenzene	10.49	77	713500	32.913	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	4769	10.439	ng		86
65) n-Nitrosodiphenylamine	10.45	169	483080	35.918	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	146459	35.709	ng		99
67) Hexachlorobenzene	10.88	284	134102	32.078	ng	#	87
68) Atrazine	10.97	200	127041	35.617	ng		98
69) Pentachlorophenol	11.07	266	71226	29.222	ng		99
70) Phenanthrene	11.29	178	688786	32.727	ng		100
71) Anthracene	11.35	178	684941	32.086	ng		100
72) Carbazole	11.50	167	612081	30.207	ng		98
73) Di-n-butylphthalate	11.83	149	892082	38.222	ng		99
74) Fluoranthene	12.48	202	655095	29.821	ng		97
76) Benzidine	12.60	184	130546	14.859	ng	#	91
77) Pyrene	12.70	202	660513	30.139	ng		99
79) Butylbenzylphthalate	13.33	149	311392	37.059	ng	#	69
80) Benzo(a)anthracene	13.89	228	494907	30.817	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	155826	28.755	ng	#	97
82) Chrysene	13.93	228	502736	31.469	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	393997	42.316	ng	#	99
84) Di-n-octyl phthalate	14.50	149	733095	45.251	ng		99
85) Indeno(1,2,3-cd)pyrene	16.71	276	446877	38.025	ng		94
87) Benzo(b)fluoranthene	14.92	252	546123	33.211	ng		96
88) Benzo(k)fluoranthene	14.94	252	459045	29.713	ng	#	94
89) Benzo(a)pyrene	15.27	252	484735	33.297	ng		97
90) Dibenzo(a,h)anthracene	16.72	278	373580	31.521	ng		99
91) Benzo(g,h,i)perylene	17.12	276	352409	28.498	ng		94

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

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