Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097604.D
Acq On : 11 Aug 2017 20:14
Operator : SJ/JU
Sample : I4631-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-4-11MS

Manual Integrations APPROVED
sohil
8/14/2017 6:39:53 PM

Quant Time: Aug 14 10:41:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	99449	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	468487	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	188717	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	323934	20.00	ng		0.00
75) Chrysene-d12	18.48	240	194254	20.00	ng		0.02
86) Perylene-d12	20.14	264	204671	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	461315	73.73	ng		0.00
7) Phenol-d6	7.05	99	358975	46.25	ng		0.00
23) Nitrobenzene-d5	8.42	82	612774	82.02	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	193821	135.10	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	1037675	82.98	ng		0.00
78) Terphenyl-d14	17.13	244	596070	63.51	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	37481	13.804	ng	#	75
3) Pyridine	2.51	79	33180	4.190	ng	#	70
4) n-Nitrosodimethylamine	2.38	42	64037	13.937	ng	#	79
6) Aniline	7.02	93	93162	8.352	ng		100
8) 2-Chlorophenol	7.19	128	285307	39.779	ng		92
9) Benzaldehyde	6.82	77	161712	31.598	ng		95
10) Phenol	7.07	94	128041	15.067	ng		97
11) bis(2-Chloroethyl)ether	7.15	93	311941	45.765	ng		89
12) 1,3-Dichlorobenzene	7.41	146	288872	35.964	ng		97
13) 1,4-Dichlorobenzene	7.53	146	282244	34.522	ng		94
14) 1,2-Dichlorobenzene	7.77	146	288293	38.639	ng		97
15) Benzyl Alcohol	7.80	79	144695	26.979	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	722215	47.193	ng		91
17) 2-Methylphenol	8.02	107	190143	34.206	ng	#	91
18) Hexachloroethane	8.29	117	103581	37.030	ng	#	81
19) n-Nitroso-di-n-propylamine	8.23	70	242225	44.869	ng	#	82
20) 3+4-Methylphenols	8.28	107	226486	33.269	ng	#	60
22) Acetophenone	8.19	105	449794	40.640	ng	#	97
24) Nitrobenzene	8.45	77	330152	40.549	ng		96
25) Isophorone	8.85	82	589482	42.831	ng		97
26) 2-Nitrophenol	8.96	139	189864	46.103	ng	#	82
27) 2,4-Dimethylphenol	9.10	122	275211	40.074	ng		97
28) bis(2-Chloroethoxy)methane	9.23	93	427390	42.978	ng		98
29) 2,4-Dichlorophenol	9.38	162	267963	44.251	ng		95
30) 1,2,4-Trichlorobenzene	9.47	180	228686	38.090	ng		98
31) Naphthalene	9.57	128	908886	38.732	ng		99
32) Benzoic acid	9.40	122	55225	14.923	ng		88
33) 4-Chloroaniline	9.72	127	158887	16.345	ng		96
34) Hexachlorobutadiene	9.79	225	113116	34.491	ng		97
35) Caprolactam	10.40	113	14157m	7.256	ng		
36) 4-Chloro-3-methylphenol	10.57	107	268594	39.477	ng		85
37) 2-Methylnaphthalene	10.70	142	610698	41.362	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	214266	40.096	ng		99
40) Hexachlorocyclopentadiene	10.96	237	89945	82.762	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	157829	44.828 ng		97
43) 2,4,5-Trichlorophenol	11.29	196	154934	46.591 ng		98
45) 1,1'-Biphenyl	11.47	154	626929	38.721 ng		97
46) 2-Chloronaphthalene	11.49	162	482446	38.808 ng		93
47) 2-Nitroaniline	11.70	65	208799	42.876 ng		97
48) Acenaphthylene	12.14	152	812705	41.123 ng		100
49) Dimethylphthalate	12.03	163	706393	48.569 ng		100
50) 2,6-Dinitrotoluene	12.12	165	135497	45.115 ng	#	70
51) Acenaphthene	12.42	154	456981	38.584 ng		100
52) 3-Nitroaniline	12.38	138	83544	21.245 ng	#	95
53) 2,4-Dinitrophenol	12.59	184	119068	96.169 ng	#	73
54) Dibenzofuran	12.71	168	704348	42.480 ng		97
55) 4-Nitrophenol	12.83	139	52523m	35.070 ng		
56) 2,4-Dinitrotoluene	12.78	165	178978	44.648 ng	#	76
57) Fluorene	13.26	166	590939	43.338 ng		96
58) 2,3,4,6-Tetrachlorophenol	12.96	232	112915	49.442 ng		99
59) Diethylphthalate	13.17	149	639920	46.584 ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	255475	43.886 ng		98
61) 4-Nitroaniline	13.38	138	79412	21.170 ng		96
62) Azobenzene	13.55	77	657647	48.121 ng		93
64) 4,6-Dinitro-2-methylphenol	13.46	198	91333	46.221 ng		91
65) n-Nitrosodiphenylamine	13.50	169	508680	42.493 ng		97
66) 4-Bromophenyl-phenylether	14.07	248	143927	42.826 ng		94
67) Hexachlorobenzene	14.16	284	154334	42.158 ng	#	88
68) Atrazine	14.47	200	100599	33.493 ng		93
69) Pentachlorophenol	14.52	266	110024	Below Cal		99
70) Phenanthrene	14.81	178	776813	41.636 ng		99
71) Anthracene	14.90	178	775359	40.617 ng		99
72) Carbazole	15.19	167	707375	38.925 ng		98
73) Di-n-butylphthalate	15.77	149	862365	40.542 ng		99
74) Fluoranthene	16.58	202	648513	38.467 ng		99
77) Pyrene	16.88	202	635777	39.578 ng		99
79) Butylbenzylphthalate	17.80	149	310051	46.169 ng	#	74
80) Benzo(a)anthracene	18.47	228	501943	44.242 ng		99
82) Chrysene	18.52	228	469499	41.606 ng		99
83) Bis(2-ethylhexyl)phthalate	18.55	149	458659	48.019 ng	#	100
84) Di-n-octyl phthalate	19.31	149	734355	44.024 ng	#	90
85) Indeno(1,2,3-cd)pyrene	21.37	276	557529	63.523 ng		98
87) Benzo(b)fluoranthene	19.74	252	522476	42.512 ng		97
88) Benzo(k)fluoranthene	19.77	252	462129m	37.335 ng		
89) Benzo(a)pyrene	20.09	252	484695	42.967 ng		98
90) Dibenzo(a,h)anthracene	21.38	278	462499	57.263 ng		97
91) Benzo(g,h,i)perylene	21.72	276	516531	58.297 ng		98

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

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