Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097753.D
Acq On : 16 Aug 2017 21:57
Operator : SJ/JU
Sample : I4783-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-106-JMSD

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:53 PM

Quant Time: Aug 17 05:59:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	156907	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	616647	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	253993	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	400738	20.00	ng		0.00
75) Chrysene-d12	13.94	240	287607	20.00	ng		0.00
86) Perylene-d12	15.36	264	266150	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1170116	113.43	ng		0.01
7) Phenol-d6	6.42	99	1589655	113.42	ng		0.01
23) Nitrobenzene-d5	7.35	82	966968	85.19	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	254249	115.37	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1408699	81.49	ng		0.00
78) Terphenyl-d14	12.89	244	863527	62.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	179592	31.218	ng		89
3) Pyridine	3.26	79	499411	31.402	ng		88
4) n-Nitrosodimethylamine	3.22	42	205565	33.592	ng		80
6) Aniline	6.45	93	524895	26.659	ng		98
8) 2-Chlorophenol	6.57	128	405928	37.313	ng		96
9) Benzaldehyde	6.33	77	163446	18.411	ng		88
10) Phenol	6.43	94	595466	36.326	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	465136	37.595	ng		97
12) 1,3-Dichlorobenzene	6.72	146	410468	35.077	ng	#	92
13) 1,4-Dichlorobenzene	6.80	146	411295	34.559	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	385901	35.166	ng		98
15) Benzyl Alcohol	6.93	79	412537	39.314	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	612030	36.766	ng		91
17) 2-Methylphenol	7.04	107	372747	38.881	ng		97
18) Hexachloroethane	7.30	117	151401	32.448	ng	#	85
19) n-Nitroso-di-n-propylamine	7.20	70	346430	36.107	ng		88
20) 3+4-Methylphenols	7.19	107	442348	37.777	ng		97
22) Acetophenone	7.19	105	597920	36.704	ng	#	92
24) Nitrobenzene	7.37	77	510840	40.418	ng		95
25) Isophorone	7.60	82	926325	39.246	ng		97
26) 2-Nitrophenol	7.68	139	193645	42.916	ng	#	78
27) 2,4-Dimethylphenol	7.72	122	358554	36.424	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	598978	38.600	ng		99
29) 2,4-Dichlorophenol	7.92	162	317400	38.843	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	324417	35.814	ng		100
31) Naphthalene	8.09	128	1164806	36.385	ng		100
32) Benzoic acid	7.79	122	24460	9.360	ng		83
33) 4-Chloroaniline	8.13	127	297234	22.015	ng		99
34) Hexachlorobutadiene	8.20	225	188929	35.722	ng		97
35) Caprolactam	8.50	113	108678m	39.122	ng		
36) 4-Chloro-3-methylphenol	8.62	107	379295	36.128	ng	#	81
37) 2-Methylnaphthalene	8.78	142	740469	37.727	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	306498	39.320	ng		98
40) Hexachlorocyclopentadiene	8.93	237	112283	29.984	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	207887	39.724	ng		97
43) 2,4,5-Trichlorophenol	9.10	196	213546	41.131	ng		97
45) 1,1'-Biphenyl	9.25	154	866329	37.403	ng		97
46) 2-Chloronaphthalene	9.27	162	624012	36.463	ng	#	92
47) 2-Nitroaniline	9.36	65	243210	42.392	ng		96
48) Acenaphthylene	9.68	152	1006121	37.438	ng		100
49) Dimethylphthalate	9.55	163	932192	50.209	ng		99
50) 2,6-Dinitrotoluene	9.60	165	155148	41.864	ng	#	53
51) Acenaphthene	9.86	154	609394	35.954	ng		100
52) 3-Nitroaniline	9.77	138	132025	27.612	ng		81
53) 2,4-Dinitrophenol	9.87	184	33249	26.611	ng	#	79
54) Dibenzofuran	10.03	168	883877	38.910	ng		99
55) 4-Nitrophenol	9.93	139	245167	64.277	ng	#	43
56) 2,4-Dinitrotoluene	10.01	165	193321	41.567	ng	#	65
57) Fluorene	10.37	166	628329	35.776	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	164420	40.904	ng		93
59) Diethylphthalate	10.25	149	773345	39.832	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	308360	37.793	ng	#	87
61) 4-Nitroaniline	10.38	138	141721	31.186	ng	#	72
62) Azobenzene	10.52	77	874339	37.912	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	29904	21.411	ng		90
65) n-Nitrosodiphenylamine	10.48	169	588560	43.130	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	182285	43.804	ng		95
67) Hexachlorobenzene	10.92	284	162185	38.237	ng		94
68) Atrazine	11.01	200	163806	45.263	ng		98
69) Pentachlorophenol	11.10	266	166275	67.234	ng		100
70) Phenanthrene	11.33	178	795093	37.234	ng		100
71) Anthracene	11.38	178	808522	37.330	ng		99
72) Carbazole	11.53	167	735614	35.781	ng		98
73) Di-n-butylphthalate	11.87	149	1059910	44.758	ng		99
74) Fluoranthene	12.51	202	731112	32.802	ng		98
76) Benzidine	12.63	184	486631	51.605	ng	#	92
77) Pyrene	12.74	202	738663	31.402	ng		98
79) Butylbenzylphthalate	13.37	149	353663	39.214	ng	#	76
80) Benzo(a)anthracene	13.93	228	613967	35.618	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	227330	39.083	ng	#	96
82) Chrysene	13.96	228	611176	35.643	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	459835	46.012	ng	#	99
84) Di-n-octyl phthalate	14.54	149	861865	49.564	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	470867	37.328	ng		96
87) Benzo(b)fluoranthene	14.96	252	605255	36.078	ng		99
88) Benzo(k)fluoranthene	14.99	252	593627	37.663	ng	#	94
89) Benzo(a)pyrene	15.31	252	566750	38.161	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	401346	33.194	ng		98
91) Benzo(g,h,i)perylene	17.19	276	369318	29.274	ng		93

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

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