Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
Data File : BF099632.D
Acq On : 18 Oct 2017 22:10
Operator : SJ/JU
Sample : I5930-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-012-BMSD

Manual Integrations APPROVED

Quant Time: Oct 18 22:56:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 18 22:24:53 2017
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99604	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	374425	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	137568	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	198268	20.00	ng		0.00
75) Chrysene-d12	14.00	240	178140	20.00	ng		0.00
86) Perylene-d12	15.46	264	173470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	675121	107.90	ng		0.01
7) Phenol-d6	6.48	99	792995	102.74	ng		0.00
23) Nitrobenzene-d5	7.40	82	454415	77.83	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	113743	101.04	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	770534	93.51	ng		0.00
78) Terphenyl-d14	12.93	244	511381	65.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	79924	26.741	ng		93
3) Pyridine	3.40	79	214843	26.572	ng		92
4) n-Nitrosodimethylamine	3.35	42	91023	26.548	ng	#	77
6) Aniline	6.50	93	220600	21.176	ng	#	78
8) 2-Chlorophenol	6.62	128	239009	33.731	ng		93
9) Benzaldehyde	6.39	77	63793	14.248	ng		87
10) Phenol	6.49	94	314989	36.489	ng		93
11) bis(2-Chloroethyl)ether	6.57	93	226220	33.709	ng		95
12) 1,3-Dichlorobenzene	6.77	146	255606	34.445	ng		97
13) 1,4-Dichlorobenzene	6.85	146	259361	34.352	ng		99
14) 1,2-Dichlorobenzene	7.00	146	239978	34.399	ng		98
15) Benzyl Alcohol	6.97	79	171658	30.315	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.10	45	288202	27.564	ng		77
17) 2-Methylphenol	7.09	107	187287	32.304	ng		96
18) Hexachloroethane	7.33	117	81452	30.014	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	144905	29.404	ng		95
20) 3+4-Methylphenols	7.25	107	236103	32.191	ng	#	75
22) Acetophenone	7.24	105	309197	34.084	ng	#	98
24) Nitrobenzene	7.42	77	224469	33.892	ng		95
25) Isophorone	7.65	82	408250	33.820	ng		97
26) 2-Nitrophenol	7.73	139	121367	38.107	ng	#	83
27) 2,4-Dimethylphenol	7.77	122	199104	33.103	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	271135	36.043	ng		98
29) 2,4-Dichlorophenol	7.97	162	184194	35.669	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	192784	37.326	ng		99
31) Naphthalene	8.13	128	630848	35.874	ng		100
33) 4-Chloroaniline	8.19	127	131967	17.970	ng		95
34) Hexachlorobutadiene	8.24	225	95157	35.770	ng		99
35) Caprolactam	8.55	113	53457	32.271	ng	#	80
36) 4-Chloro-3-methylphenol	8.67	107	172531	29.725	ng		95
37) 2-Methylnaphthalene	8.82	142	414822	36.286	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	162598	39.632	ng		98
40) Hexachlorocyclopentadiene	8.97	237	22696	12.105	ng		98
42) 2,4,6-Trichlorophenol	9.10	196	108192	37.225	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.15	196	106199	36.603	ng		95
45) 1,1'-Biphenyl	9.29	154	465444	39.367	ng		98
46) 2-Chloronaphthalene	9.31	162	351380	39.583	ng		98
47) 2-Nitroaniline	9.42	65	94608	34.806	ng		88
48) Acenaphthylene	9.73	152	505179	37.175	ng		99
49) Dimethylphthalate	9.58	163	432945	41.698	ng		100
50) 2,6-Dinitrotoluene	9.66	165	86228	38.147	ng	#	77
51) Acenaphthene	9.90	154	291139	33.821	ng		99
52) 3-Nitroaniline	9.83	138	76016	28.841	ng		90
53) 2,4-Dinitrophenol	9.95	184	12228	15.461	ng		91
54) Dibenzofuran	10.07	168	422740	36.884	ng		99
55) 4-Nitrophenol	10.00	139	100320	45.014	ng		87
56) 2,4-Dinitrotoluene	10.06	165	98122	33.447	ng		92
57) Fluorene	10.41	166	321045	34.850	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	67835	33.846	ng		97
59) Diethylphthalate	10.28	149	364659	35.943	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	153300	37.046	ng		97
61) 4-Nitroaniline	10.44	138	69682	27.404	ng		87
62) Azobenzene	10.56	77	302095	32.384	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	17407	14.430	ng		80
65) n-Nitrosodiphenylamine	10.52	169	287998	41.930	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	78762	40.584	ng	#	89
67) Hexachlorobenzene	10.96	284	75455	36.403	ng	#	89
68) Atrazine	11.05	200	80655	39.029	ng		99
69) Pentachlorophenol	11.16	266	62765	48.655	ng		99
70) Phenanthrene	11.37	178	407771	38.423	ng		98
71) Anthracene	11.43	178	416562	38.362	ng		100
72) Carbazole	11.59	167	383178	36.034	ng		99
73) Di-n-butylphthalate	11.90	149	466302	36.431	ng		98
74) Fluoranthene	12.56	202	428366	39.861	ng		99
76) Benzidine	12.69	184	271860	41.261	ng		97
77) Pyrene	12.80	202	446385	32.861	ng		99
79) Butylbenzylphthalate	13.40	149	206025	32.272	ng		96
80) Benzo(a)anthracene	13.99	228	408434	37.864	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	141787	35.856	ng		97
82) Chrysene	14.02	228	386130	37.600	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	292245	33.245	ng	#	98
84) Di-n-octyl phthalate	14.56	149	536480	37.901	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.94	276	329143	40.066	ng		96
87) Benzo(b)fluoranthene	15.03	252	426683	40.005	ng	#	96
88) Benzo(k)fluoranthene	15.06	252	354171	33.620	ng		99
89) Benzo(a)pyrene	15.40	252	364388	37.219	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	279770	35.707	ng		96
91) Benzo(g,h,i)perylene	17.39	276	264370	34.135	ng		95

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

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