Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097240.D
Acq On : 1 Aug 2017 19:15
Operator : SJ/JU
Sample : I4471-21MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUPMSD

Manual Integrations APPROVED

Quant Time: Aug 02 14:27:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Sohil

8/2/2017 7:15:23 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	102338	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	447740	20.00	ng		-0.04
38) Acenaphthene-d10	9.50	164	156995	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	221684	20.00	ng		-0.03
75) Chrysene-d12	13.59	240	174581	20.00	ng		-0.04
86) Perylene-d12	14.94	264	160803	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	777586	114.54	ng		-0.02
7) Phenol-d6	6.15	99	968485	124.97	ng		-0.02
23) Nitrobenzene-d5	7.04	82	583363	76.43	ng		-0.04
41) 2,4,6-Tribromophenol	10.29	330	116546	93.96	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	724673	78.34	ng		-0.04
78) Terphenyl-d14	12.55	244	429964	50.21	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	91670	32.358	ng	#	77
3) Pyridine	2.62	79	275842	31.798	ng	#	67
4) n-Nitrosodimethylamine	2.58	42	186135	38.731	ng		81
6) Aniline	6.13	93	326166	33.444	ng		99
8) 2-Chlorophenol	6.26	128	281641	38.799	ng		95
9) Benzaldehyde	6.01	77	212103	46.237	ng		99
10) Phenol	6.16	94	456273m	49.634	ng		
11) bis(2-Chloroethyl)ether	6.21	93	304550	41.888	ng		90
12) 1,3-Dichlorobenzene	6.40	146	287733	36.782	ng		98
13) 1,4-Dichlorobenzene	6.48	146	278843	35.968	ng		95
14) 1,2-Dichlorobenzene	6.64	146	257438	38.032	ng		98
15) Benzyl Alcohol	6.63	79	216606	44.144	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	587514	40.288	ng		79
17) 2-Methylphenol	6.76	107	221078	39.462	ng	#	89
18) Hexachloroethane	6.97	117	91736	32.345	ng	#	84
19) n-Nitroso-di-n-propylamine	6.90	70	196176	38.456	ng	#	82
20) 3+4-Methylphenols	6.92	107	301970	41.269	ng	#	63
22) Acetophenone	6.89	105	360141	33.494	ng		97
24) Nitrobenzene	7.06	77	301109	37.881	ng		93
25) Isophorone	7.30	82	559183	37.411	ng		98
26) 2-Nitrophenol	7.37	139	136729	31.794	ng	#	88
27) 2,4-Dimethylphenol	7.43	122	242279	34.152	ng		97
28) bis(2-Chloroethoxy)methane	7.52	93	373018	38.242	ng		99
29) 2,4-Dichlorophenol	7.63	162	227219	37.180	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	207274	35.582	ng		95
31) Naphthalene	7.77	128	793442	37.593	ng		100
33) 4-Chloroaniline	7.84	127	250471	29.165	ng		99
34) Hexachlorobutadiene	7.90	225	102267	33.115	ng		99
35) Caprolactam	8.20	113	79840m	40.742	ng		
36) 4-Chloro-3-methylphenol	8.34	107	215129	32.266	ng		87
37) 2-Methylnaphthalene	8.46	142	471151	35.257	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	160594	38.337	ng		99
40) Hexachlorocyclopentadiene	8.62	237	4924	9.676	ng		97
42) 2,4,6-Trichlorophenol	8.76	196	114869	37.840	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.80	196	108078	35.570	ng	#	91
45) 1,1'-Biphenyl	8.93	154	492088	36.697	ng		97
46) 2-Chloronaphthalene	8.95	162	371632	37.661	ng	#	92
47) 2-Nitroaniline	9.06	65	151661	42.349	ng		93
48) Acenaphthylene	9.36	152	543335	35.872	ng		100
49) Dimethylphthalate	9.24	163	680606	57.089	ng		99
50) 2,6-Dinitrotoluene	9.30	165	92553	36.603	ng	#	70
51) Acenaphthene	9.53	154	329083	36.885	ng		98
52) 3-Nitroaniline	9.47	138	108840	34.678	ng		90
54) Dibenzofuran	9.70	168	452278	38.059	ng		96
55) 4-Nitrophenol	9.66	139	100592	53.895	ng	#	54
56) 2,4-Dinitrotoluene	9.71	165	99679	34.292	ng	#	78
57) Fluorene	10.05	166	321548	36.001	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.83	232	72045	34.341	ng	#	97
59) Diethylphthalate	9.93	149	389050	35.570	ng		100
60) 4-Chlorophenyl-phenylether	10.04	204	132249	35.857	ng		99
61) 4-Nitroaniline	10.07	138	85322	28.610	ng		92
62) Azobenzene	10.20	77	354358	34.923	ng		90
64) 4,6-Dinitro-2-methylphenol	10.12	198	8031	5.830	ng	#	35
65) n-Nitrosodiphenylamine	10.16	169	339119	43.966	ng		96
66) 4-Bromophenyl-phenylether	10.53	248	83327	37.665	ng		95
67) Hexachlorobenzene	10.60	284	81692	32.928	ng	#	92
68) Atrazine	10.70	200	86789	39.239	ng		94
69) Pentachlorophenol	10.80	266	59821	58.277	ng		95
70) Phenanthrene	11.00	178	437521	36.835	ng		99
71) Anthracene	11.05	178	427086	35.106	ng		99
72) Carbazole	11.21	167	415529	34.730	ng		99
73) Di-n-butylphthalate	11.55	149	539849	36.502	ng		99
74) Fluoranthene	12.17	202	420068	36.100	ng		98
76) Benzidine	12.30	184	130960	20.217	ng	#	93
77) Pyrene	12.40	202	440422	30.815	ng		99
79) Butylbenzylphthalate	13.03	149	221595	30.480	ng	#	83
80) Benzo(a)anthracene	13.59	228	386064	34.177	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	129415	30.380	ng		98
82) Chrysene	13.62	228	369281	33.479	ng		98
83) Bis(2-ethylhexyl)phthalate	13.60	149	298279	31.423	ng		98
84) Di-n-octyl phthalate	14.20	149	578063	33.184	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.16	276	267101	28.240	ng		97
87) Benzo(b)fluoranthene	14.59	252	379655	39.276	ng		98
88) Benzo(k)fluoranthene	14.61	252	311754	33.846	ng		95
89) Benzo(a)pyrene	14.89	252	310971	35.151	ng		97
90) Dibenzo(a,h)anthracene	16.16	278	225203	31.042	ng	#	93
91) Benzo(g,h,i)perylene	16.51	276	209772	27.573	ng		97

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

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