Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097311.D
Acq On : 3 Aug 2017 10:35
Operator : SJ/JU
Sample : I4471-19MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L6-NSWMS

Manual Integrations APPROVED
Sohil
8/3/2017 6:08:38 PM

Quant Time: Aug 03 13:15:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 03 12:06:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	104063	20.00	ng		0.00
21) Naphthalene-d8	7.73	136	418532	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	166214	20.00	ng		0.00
63) Phenanthrene-d10	10.96	188	286983	20.00	ng		0.00
75) Chrysene-d12	13.57	240	176901	20.00	ng		0.00
86) Perylene-d12	14.92	264	163233	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	734985	106.47	ng		0.00
7) Phenol-d6	6.13	99	831367	105.49	ng		0.00
23) Nitrobenzene-d5	7.02	82	503720	70.60	ng		0.00
41) 2,4,6-Tribromophenol	10.27	330	154466	117.62	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	739445	75.50	ng		0.00
78) Terphenyl-d14	12.53	244	494027	56.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	76556	26.575	ng	#	74
3) Pyridine	2.59	79	255881	29.008	ng	#	63
4) n-Nitrosodimethylamine	2.53	42	165745	33.917	ng		79
6) Aniline	6.12	93	252108	25.422	ng		92
8) 2-Chlorophenol	6.25	128	274683	37.213	ng		96
9) Benzaldehyde	5.99	77	185336	39.732	ng		99
10) Phenol	6.14	94	363134	38.848	ng		96
11) bis(2-Chloroethyl)ether	6.20	93	262285	35.477	ng		93
12) 1,3-Dichlorobenzene	6.39	146	285871	35.938	ng		98
13) 1,4-Dichlorobenzene	6.47	146	295602	37.498	ng		94
14) 1,2-Dichlorobenzene	6.62	146	247836	36.006	ng		97
15) Benzyl Alcohol	6.62	79	213098	42.710	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.74	45	556692	37.542	ng		80
17) 2-Methylphenol	6.75	107	217703	38.215	ng	#	87
18) Hexachloroethane	6.96	117	91884	31.860	ng	#	78
19) n-Nitroso-di-n-propylamine	6.89	70	199189	38.399	ng	#	84
20) 3+4-Methylphenols	6.90	107	302457	40.650	ng	#	61
22) Acetophenone	6.87	105	384274	38.233	ng	#	95
24) Nitrobenzene	7.04	77	257874	34.706	ng		97
25) Isophorone	7.29	82	476123	34.077	ng		95
26) 2-Nitrophenol	7.36	139	142312	35.402	ng	#	90
27) 2,4-Dimethylphenol	7.42	122	221480	33.399	ng		95
28) bis(2-Chloroethoxy)methane	7.50	93	313767	34.413	ng		99
29) 2,4-Dichlorophenol	7.62	162	222506	38.949	ng		96
30) 1,2,4-Trichlorobenzene	7.68	180	191195	35.113	ng		96
31) Naphthalene	7.76	128	722158	36.604	ng		100
33) 4-Chloroaniline	7.83	127	234470	29.208	ng		98
34) Hexachlorobutadiene	7.88	225	98716	34.196	ng		99
35) Caprolactam	8.19	113	80100m	43.727	ng		
36) 4-Chloro-3-methylphenol	8.33	107	218755	35.100	ng		88
37) 2-Methylnaphthalene	8.45	142	450303	36.049	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.62	216	178838	40.324	ng		99
40) Hexachlorocyclopentadiene	8.60	237	15947	16.027	ng		95
42) 2,4,6-Trichlorophenol	8.74	196	129038	40.150	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.79	196	129362	40.213	ng		97
45) 1,1'-Biphenyl	8.92	154	514860	36.265	ng		99
46) 2-Chloronaphthalene	8.93	162	391094	37.435	ng	#	93
47) 2-Nitroaniline	9.04	65	165564	43.667	ng		100
48) Acenaphthylene	9.35	152	560760	34.969	ng		99
49) Dimethylphthalate	9.22	163	677873	53.706	ng		100
50) 2,6-Dinitrotoluene	9.29	165	99398	37.130	ng	#	76
51) Acenaphthene	9.52	154	343257	36.340	ng		98
52) 3-Nitroaniline	9.45	138	108085	32.528	ng		94
53) 2,4-Dinitrophenol	9.59	184	6355	5.221	ng	#	68
54) Dibenzofuran	9.69	168	487127	38.718	ng		97
55) 4-Nitrophenol	9.65	139	117031	59.225	ng	#	63
56) 2,4-Dinitrotoluene	9.69	165	126268	41.030	ng	#	65
57) Fluorene	10.03	166	372945	39.439	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	87686	39.478	ng	#	94
59) Diethylphthalate	9.92	149	443517	38.301	ng		100
60) 4-Chlorophenyl-phenylether	10.02	204	155779	39.894	ng		98
61) 4-Nitroaniline	10.06	138	107117	33.926	ng		92
62) Azobenzene	10.19	77	461068	42.920	ng		91
64) 4,6-Dinitro-2-methylphenol	10.11	198	27480	15.410	ng		93
65) n-Nitrosodiphenylamine	10.15	169	407429	40.803	ng		99
66) 4-Bromophenyl-phenylether	10.51	248	109918	38.379	ng		99
67) Hexachlorobenzene	10.58	284	111458	34.704	ng	#	88
68) Atrazine	10.68	200	115217	40.239	ng		93
69) Pentachlorophenol	10.78	266	81961	61.678	ng		94
70) Phenanthrene	10.98	178	585030	38.047	ng		99
71) Anthracene	11.03	178	561140	35.630	ng		98
72) Carbazole	11.19	167	549970	35.508	ng		99
73) Di-n-butylphthalate	11.53	149	738784	38.587	ng		99
74) Fluoranthene	12.16	202	538966	35.779	ng		98
76) Benzidine	12.29	184	137618	20.966	ng	#	93
77) Pyrene	12.38	202	539126	37.227	ng		99
79) Butylbenzylphthalate	13.02	149	283369	38.466	ng	#	82
80) Benzo(a)anthracene	13.57	228	399088	34.866	ng		99
81) 3,3'-Dichlorobenzidine	13.53	252	135089	31.296	ng	#	97
82) Chrysene	13.60	228	396526	35.477	ng		99
83) Bis(2-ethylhexyl)phthalate	13.58	149	366217	38.074	ng		98
84) Di-n-octyl phthalate	14.19	149	638603	36.179	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.13	276	284155	29.649	ng		99
87) Benzo(b)fluoranthene	14.56	252	358076	36.493	ng		98
88) Benzo(k)fluoranthene	14.59	252	340381	36.403	ng		97
89) Benzo(a)pyrene	14.87	252	327087	36.422	ng		99
90) Dibenzo(a,h)anthracene	16.13	278	237946	32.310	ng		98
91) Benzo(g,h,i)perylene	16.48	276	253811	32.865	ng		99

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

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