Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109190.D
Acq On : 20 Sep 2018 19:05
Operator : JU/SJ
Sample : J5004-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-026-BMS

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:53 AM

Quant Time: Sep 21 07:18:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	61945	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	203440	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	117304	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	232457	20.00	ng		0.00
75) Chrysene-d12	13.85	240	124281	20.00	ng		0.00
86) Perylene-d12	15.26	264	128800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	298937	80.15	ng		0.01
7) Phenol-d6	6.36	99	452469	94.08	ng		0.00
23) Nitrobenzene-d5	7.28	82	298287	82.24	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	112638	88.48	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	511925	68.37	ng		0.00
78) Terphenyl-d14	12.81	244	405050	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	40046	22.556	ng		93
3) Pyridine	3.15	79	127458	27.082	ng		95
4) n-Nitrosodimethylamine	3.08	42	73516	41.360	ng	#	88
6) Aniline	6.38	93	128312	20.642	ng		97
8) 2-Chlorophenol	6.51	128	125156	29.986	ng		96
9) Benzaldehyde	6.27	77	93079	30.304	ng		95
10) Phenol	6.37	94	158227	29.240	ng		73
11) bis(2-Chloroethyl)ether	6.46	93	121397	28.516	ng		98
12) 1,3-Dichlorobenzene	6.66	146	128669	26.956	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	131072	27.372	ng		97
14) 1,2-Dichlorobenzene	6.89	146	111373	25.087	ng		98
15) Benzyl Alcohol	6.86	79	123955	33.951	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	165344	27.107	ng		95
17) 2-Methylphenol	6.98	107	92128	27.055	ng	#	92
18) Hexachloroethane	7.24	117	49898	28.691	ng		95
19) n-Nitroso-di-n-propylamine	7.14	70	92178	28.997	ng	#	95
20) 3+4-Methylphenols	7.13	107	116822	28.485	ng	#	51
22) Acetophenone	7.13	105	166707	36.083	ng	#	88
24) Nitrobenzene	7.30	77	143753	38.440	ng		91
25) Isophorone	7.54	82	246081	39.468	ng	#	91
26) 2-Nitrophenol	7.62	139	56394	32.295	ng		88
27) 2,4-Dimethylphenol	7.66	122	107161	39.122	ng		93
28) bis(2-Chloroethoxy)methane	7.75	93	142203	33.892	ng	#	98
29) 2,4-Dichlorophenol	7.86	162	90420	30.977	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	84414	26.754	ng		98
31) Naphthalene	8.02	128	298044	31.564	ng		99
32) Benzoic acid	7.75	122	20472	11.438	ng	#	76
33) 4-Chloroaniline	8.07	127	53336	12.704	ng		96
34) Hexachlorobutadiene	8.15	225	41546	21.568	ng		97
35) Caprolactam	8.42	113	33677m	35.388	ng		
36) 4-Chloro-3-methylphenol	8.56	107	125635	40.887	ng		89
37) 2-Methylnaphthalene	8.71	142	212080	34.456	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	89654	24.283	ng		98
40) Hexachlorocyclopentadiene	8.87	237	78491	42.195	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	69444	27.984	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	74333	28.664	ng	#	93
45) 1,1'-Biphenyl	9.18	154	304860	32.484	ng		99
46) 2-Chloronaphthalene	9.20	162	217943	28.998	ng		99
47) 2-Nitroaniline	9.30	65	78309	33.892	ng		87
48) Acenaphthylene	9.61	152	318577	28.113	ng		99
49) Dimethylphthalate	9.48	163	368180	43.914	ng		99
50) 2,6-Dinitrotoluene	9.54	165	47931	25.779	ng	#	74
51) Acenaphthene	9.78	154	227775	32.280	ng		99
52) 3-Nitroaniline	9.70	138	39111	17.864	ng		89
53) 2,4-Dinitrophenol	9.81	184	32261	45.021	ng	#	19
54) Dibenzofuran	9.96	168	297164	29.143	ng		96
55) 4-Nitrophenol	9.87	139	88335	54.761	ng	#	75
56) 2,4-Dinitrotoluene	9.94	165	85749	35.264	ng	#	82
57) Fluorene	10.30	166	234595	34.524	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	57950	26.988	ng		99
59) Diethylphthalate	10.18	149	222778	26.313	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	109433	30.075	ng		96
61) 4-Nitroaniline	10.31	138	61145	29.396	ng		89
62) Azobenzene	10.45	77	321105	37.051	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	25985	23.364	ng		83
65) n-Nitrosodiphenylamine	10.41	169	225462	29.651	ng		95
66) 4-Bromophenyl-phenylether	10.78	248	66072	25.212	ng		98
67) Hexachlorobenzene	10.85	284	72129	25.731	ng		92
68) Atrazine	10.94	200	72042	29.597	ng		99
69) Pentachlorophenol	11.04	266	80917	45.118	ng		99
70) Phenanthrene	11.25	178	358157	31.431	ng		99
71) Anthracene	11.31	178	363636	31.481	ng		99
72) Carbazole	11.46	167	353431	30.909	ng		100
73) Di-n-butylphthalate	11.80	149	374002	27.942	ng		98
74) Fluoranthene	12.44	202	336505	27.973	ng		96
76) Benzidine	12.55	184	139772	31.771	ng		99
77) Pyrene	12.66	202	268046	29.036	ng		99
79) Butylbenzylphthalate	13.28	149	144338	35.006	ng		87
80) Benzo(a)anthracene	13.84	228	208680	27.734	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	63751	20.996	ng		98
82) Chrysene	13.88	228	237435	31.540	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	161501	32.350	ng		98
84) Di-n-octyl phthalate	14.45	149	259877	30.693	ng		96
85) Indeno(1,2,3-cd)pyrene	16.61	276	345588	57.419	ng		95
87) Benzo(b)fluoranthene	14.86	252	256385	35.981	ng		99
88) Benzo(k)fluoranthene	14.89	252	221409	33.268	ng		97
89) Benzo(a)pyrene	15.20	252	190147	30.049	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	286884	53.963	ng		96
91) Benzo(g,h,i)perylene	17.02	276	298406	56.143	ng		95

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

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