Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
Data File : BF109191.D
Acq On : 20 Sep 2018 19:32
Operator : JU/SJ
Sample : J5004-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
9/21/2018 10:37:56 AM

Quant Time: Sep 21 07:23:22 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	103573	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	403618	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	182452	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	351605	20.00	ng		0.00
75) Chrysene-d12	13.85	240	203747	20.00	ng		0.00
86) Perylene-d12	15.26	264	274497	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	529042	84.84	ng		0.01
7) Phenol-d6	6.36	99	778800	96.85	ng		0.00
23) Nitrobenzene-d5	7.28	82	494816	68.76	ng		0.00
41) 2,4,6-Tribromophenol	10.54	330	187615	94.75	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	791032	67.93	ng		0.00
78) Terphenyl-d14	12.81	244	701400	81.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	70977	23.910	ng		95
3) Pyridine	3.15	79	194136	24.671	ng		89
4) n-Nitrosodimethylamine	3.08	42	103754	34.911	ng	#	97
6) Aniline	6.38	93	215298	20.715	ng		95
8) 2-Chlorophenol	6.51	128	212431	30.440	ng		99
9) Benzaldehyde	6.27	77	159826	31.121	ng		99
10) Phenol	6.38	94	279256	30.865	ng		76
11) bis(2-Chloroethyl)ether	6.46	93	213765	30.032	ng		95
12) 1,3-Dichlorobenzene	6.66	146	230714	28.908	ng		96
13) 1,4-Dichlorobenzene	6.74	146	230496	28.789	ng		98
14) 1,2-Dichlorobenzene	6.90	146	217777	29.339	ng		98
15) Benzyl Alcohol	6.87	79	203322	33.306	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	296327	29.055	ng		95
17) 2-Methylphenol	6.98	107	176520	31.003	ng		95
18) Hexachloroethane	7.24	117	84495	29.057	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	154611	29.089	ng		96
20) 3+4-Methylphenols	7.14	107	203985	29.748	ng	#	70
22) Acetophenone	7.13	105	282856	30.859	ng	#	89
24) Nitrobenzene	7.30	77	232753	31.371	ng		95
25) Isophorone	7.54	82	424570	34.323	ng		95
26) 2-Nitrophenol	7.62	139	102438	29.569	ng		93
27) 2,4-Dimethylphenol	7.66	122	187491	34.501	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	268581	32.265	ng		98
29) 2,4-Dichlorophenol	7.86	162	186601	32.222	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	185654	29.658	ng		97
31) Naphthalene	8.02	128	619960	33.094	ng		99
32) Benzoic acid	7.75	122	47150	13.278	ng		85
33) 4-Chloroaniline	8.07	127	84375	10.130	ng		97
34) Hexachlorobutadiene	8.15	225	113552	29.713	ng		99
35) Caprolactam	8.43	113	60146m	31.857	ng		
36) 4-Chloro-3-methylphenol	8.56	107	197403	32.381	ng		96
37) 2-Methylnaphthalene	8.71	142	412120	33.748	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	179609	31.277	ng		99
40) Hexachlorocyclopentadiene	8.88	237	163205	56.408	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	127723	33.090	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	136643	33.877	ng	#	93
45) 1,1'-Biphenyl	9.18	154	489164	33.512	ng		98
46) 2-Chloronaphthalene	9.20	162	359832	30.781	ng		98
47) 2-Nitroaniline	9.30	65	124563	34.660	ng		96
48) Acenaphthylene	9.61	152	590446	33.500	ng		100
49) Dimethylphthalate	9.48	163	734787	56.347	ng		100
50) 2,6-Dinitrotoluene	9.54	165	93938	32.483	ng		87
51) Acenaphthene	9.78	154	360280	32.827	ng		99
52) 3-Nitroaniline	9.70	138	60871	17.875	ng		92
53) 2,4-Dinitrophenol	9.81	184	58049	52.083	ng	#	19
54) Dibenzofuran	9.96	168	529267	33.371	ng		99
55) 4-Nitrophenol	9.87	139	143947	57.373	ng		89
56) 2,4-Dinitrotoluene	9.94	165	130168	34.417	ng	#	93
57) Fluorene	10.30	166	388127	36.723	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105527	31.596	ng		94
59) Diethylphthalate	10.18	149	453500	34.438	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	187647	33.156	ng		93
61) 4-Nitroaniline	10.31	138	100205	30.972	ng		96
62) Azobenzene	10.45	77	463810	34.408	ng		95
64) 4,6-Dinitro-2-methylphenol	10.35	198	45436	27.009	ng		83
65) n-Nitrosodiphenylamine	10.41	169	376425	32.729	ng		97
66) 4-Bromophenyl-phenylether	10.78	248	113450	28.621	ng		95
67) Hexachlorobenzene	10.85	284	131625	31.044	ng	#	91
68) Atrazine	10.94	200	128262	34.837	ng		99
69) Pentachlorophenol	11.04	266	135013	49.771	ng		98
70) Phenanthrene	11.25	178	579515	33.623	ng		99
71) Anthracene	11.31	178	586911	33.592	ng		99
72) Carbazole	11.46	167	467610	27.037	ng		100
73) Di-n-butylphthalate	11.80	149	607785	30.020	ng	#	99
74) Fluoranthene	12.44	202	552044	30.339	ng		96
76) Benzidine	12.55	184	251463	34.866	ng		98
77) Pyrene	12.66	202	541862	35.804	ng		99
79) Butylbenzylphthalate	13.28	149	236152	34.936	ng		91
80) Benzo(a)anthracene	13.84	228	400187	32.442	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	119581	24.023	ng		96
82) Chrysene	13.88	228	388974	31.517	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	280480	34.270	ng		98
84) Di-n-octyl phthalate	14.45	149	514768	37.085	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	538203	54.546	ng		94
87) Benzo(b)fluoranthene	14.86	252	411464	27.095	ng		98
88) Benzo(k)fluoranthene	14.89	252	344542m	24.291	ng		
89) Benzo(a)pyrene	15.20	252	460694	34.161	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	450919	39.798	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	444793	39.266	ng	#	93

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

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