Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109440.D
Acq On : 28 Sep 2018 19:51
Operator : JU/SJ
Sample : J5118-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Manual Integrations APPROVED
Sohil
10/1/2018 9:57:17 AM

Quant Time: Sep 29 04:59:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104391	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	352550	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	138107	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	247602	20.00	ng		0.00
75) Chrysene-d12	13.85	240	174969	20.00	ng		0.00
86) Perylene-d12	15.26	264	145844	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	575098	90.74	ng		0.02
7) Phenol-d6	6.36	99	709516	87.73	ng		0.00
23) Nitrobenzene-d5	7.27	82	427805	71.63	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	129746	95.30	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	660227	72.10	ng		0.00
78) Terphenyl-d14	12.80	244	586169	82.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	83742	28.689	ng		93
3) Pyridine	3.15	79	227884	30.333	ng		92
4) n-Nitrosodimethylamine	3.07	42	110361	34.518	ng	#	98
6) Aniline	6.37	93	226567	21.897	ng	#	1
8) 2-Chlorophenol	6.50	128	216010	30.648	ng		97
9) Benzaldehyde	6.25	77	117401	22.597	ng		98
10) Phenol	6.37	94	305036	33.305	ng		73
11) bis(2-Chloroethyl)ether	6.45	93	217406	30.336	ng		98
12) 1,3-Dichlorobenzene	6.65	146	242622	29.899	ng		98
13) 1,4-Dichlorobenzene	6.73	146	245091	29.980	ng		99
14) 1,2-Dichlorobenzene	6.88	146	222310	29.478	ng		99
15) Benzyl Alcohol	6.86	79	185451	29.957	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	292372	28.761	ng		94
17) 2-Methylphenol	6.97	107	171250	30.029	ng		96
18) Hexachloroethane	7.22	117	65750	22.828	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	152722	28.819	ng		99
20) 3+4-Methylphenols	7.13	107	208616	30.299	ng	#	84
22) Acetophenone	7.12	105	295746	36.284	ng		96
24) Nitrobenzene	7.29	77	220011	34.647	ng		98
25) Isophorone	7.53	82	397657	36.976	ng		98
26) 2-Nitrophenol	7.61	139	73345	29.206	ng		95
27) 2,4-Dimethylphenol	7.66	122	179204	38.242	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	254136	35.698	ng		99
29) 2,4-Dichlorophenol	7.86	162	159192	32.334	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	173104	31.465	ng		95
31) Naphthalene	8.02	128	562995	34.174	ng		99
32) Benzoic acid	7.79	122	3754m	7.809	ng		
33) 4-Chloroaniline	8.06	127	175020	24.318	ng		98
34) Hexachlorobutadiene	8.14	225	107653	32.460	ng		98
35) Caprolactam	8.42	113	45642	29.037	ng	#	80
36) 4-Chloro-3-methylphenol	8.55	107	153596	29.647	ng		98
37) 2-Methylnaphthalene	8.70	142	350334	32.987	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	156900	35.697	ng		97
40) Hexachlorocyclopentadiene	8.86	237	9624	5.020	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	100240	35.534	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	102209	34.306	ng		97
45) 1,1'-Biphenyl	9.17	154	396556	35.242	ng		98
46) 2-Chloronaphthalene	9.19	162	297625	33.109	ng		97
47) 2-Nitroaniline	9.29	65	104301	40.924	ng		98
48) Acenaphthylene	9.60	152	458162	33.785	ng		99
49) Dimethylphthalate	9.47	163	456702	45.466	ng		98
50) 2,6-Dinitrotoluene	9.53	165	58300	29.305	ng		95
51) Acenaphthene	9.77	154	263610	32.151	ng		100
52) 3-Nitroaniline	9.69	138	93215	40.459	ng		97
54) Dibenzofuran	9.95	168	386360	31.686	ng		97
55) 4-Nitrophenol	9.86	139	100708	58.026	ng		98
56) 2,4-Dinitrotoluene	9.93	165	66213	26.304	ng	#	99
57) Fluorene	10.29	166	293139	33.694	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	78647	33.340	ng		89
59) Diethylphthalate	10.16	149	337953	33.224	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	139307	30.657	ng		97
61) 4-Nitroaniline	10.30	138	91974	40.935	ng		97
62) Azobenzene	10.44	77	300758	28.458	ng		96
64) 4,6-Dinitro-2-methylphenol	10.35	198	344	6.820	ng	#	53
65) n-Nitrosodiphenylamine	10.40	169	277470	33.918	ng		95
66) 4-Bromophenyl-phenylether	10.77	248	88135	32.055	ng	#	86
67) Hexachlorobenzene	10.84	284	92711	31.749	ng		92
68) Atrazine	10.93	200	88816	35.301	ng		97
69) Pentachlorophenol	11.03	266	90048	51.522	ng		99
70) Phenanthrene	11.25	178	459985	37.207	ng		99
71) Anthracene	11.30	178	448672	35.782	ng		99
72) Carbazole	11.45	167	415221	33.282	ng		99
73) Di-n-butylphthalate	11.79	149	496983	34.603	ng		99
74) Fluoranthene	12.43	202	507975	38.449	ng		97
76) Benzidine	12.54	184	271303	43.006	ng		99
77) Pyrene	12.66	202	496416	39.587	ng		100
79) Butylbenzylphthalate	13.27	149	205262	38.475	ng		94
80) Benzo(a)anthracene	13.84	228	355589	33.741	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	130729	32.640	ng	#	98
82) Chrysene	13.87	228	345226	33.050	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	272436	40.492	ng		96
84) Di-n-octyl phthalate	14.45	149	438084	38.081	ng		99
85) Indeno(1,2,3-cd)pyrene	16.62	276	264260	31.211	ng	#	91
87) Benzo(b)fluoranthene	14.86	252	275071	34.324	ng		99
88) Benzo(k)fluoranthene	14.89	252	267834m	35.220	ng		
89) Benzo(a)pyrene	15.20	252	252483	34.964	ng		99
90) Dibenzo(a,h)anthracene	16.63	278	214976	36.287	ng	#	95
91) Benzo(g,h,i)perylene	17.03	276	205989	35.378	ng	#	91

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

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