Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
Data File : BF109441.D
Acq On : 28 Sep 2018 20:18
Operator : JU/SJ
Sample : J5118-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/1/2018 9:57:21 AM

Quant Time: Sep 29 05:04:04 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	104634	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	350305	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	136570	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	233984	20.00	ng		0.00
75) Chrysene-d12	13.85	240	172529	20.00	ng		0.00
86) Perylene-d12	15.25	264	139823	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	534528	84.14	ng		0.01
7) Phenol-d6	6.36	99	654816	80.78	ng		0.00
23) Nitrobenzene-d5	7.27	82	402113	67.76	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	115314	85.65	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	605399	66.86	ng		0.00
78) Terphenyl-d14	12.80	244	524196	74.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	76266	26.067	ng		94
3) Pyridine	3.15	79	200239	26.591	ng		91
4) n-Nitrosodimethylamine	3.07	42	102371	31.945	ng	#	99
6) Aniline	6.37	93	206952	19.955	ng	#	1
8) 2-Chlorophenol	6.50	128	204298	28.919	ng		95
9) Benzaldehyde	6.25	77	112062	21.519	ng		98
10) Phenol	6.37	94	284249	30.964	ng		74
11) bis(2-Chloroethyl)ether	6.45	93	200646	27.932	ng		98
12) 1,3-Dichlorobenzene	6.65	146	224057	27.547	ng		99
13) 1,4-Dichlorobenzene	6.73	146	230480	28.127	ng		98
14) 1,2-Dichlorobenzene	6.88	146	212517	28.114	ng		99
15) Benzyl Alcohol	6.86	79	174010	28.044	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	278022	27.286	ng		93
17) 2-Methylphenol	6.97	107	163050	28.525	ng		97
18) Hexachloroethane	7.22	117	62613	21.688	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	143797	27.072	ng		98
20) 3+4-Methylphenols	7.13	107	195413	28.316	ng		89
22) Acetophenone	7.12	105	279929	34.563	ng	#	95
24) Nitrobenzene	7.29	77	206762	32.769	ng		98
25) Isophorone	7.53	82	376222	35.207	ng		98
26) 2-Nitrophenol	7.61	139	67169	26.919	ng		98
27) 2,4-Dimethylphenol	7.66	122	166095	35.672	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	242504	34.282	ng		98
29) 2,4-Dichlorophenol	7.85	162	151826	31.035	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	160752	29.407	ng		94
31) Naphthalene	8.02	128	528961	32.314	ng		99
32) Benzoic acid	7.78	122	2577m	7.496	ng		
33) 4-Chloroaniline	8.06	127	167840	23.470	ng		97
34) Hexachlorobutadiene	8.14	225	101077	30.672	ng		96
35) Caprolactam	8.42	113	40459	25.904	ng	#	77
36) 4-Chloro-3-methylphenol	8.55	107	143535	27.883	ng		96
37) 2-Methylnaphthalene	8.70	142	331640	31.427	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	149145	34.315	ng		97
40) Hexachlorocyclopentadiene	8.86	237	8957	4.725	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	90768	32.539	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	93181	31.628	ng		96
45) 1,1'-Biphenyl	9.17	154	375207	33.720	ng		97
46) 2-Chloronaphthalene	9.19	162	275863	31.033	ng		97
47) 2-Nitroaniline	9.29	65	96205	38.172	ng		98
48) Acenaphthylene	9.60	152	427779	31.899	ng		100
49) Dimethylphthalate	9.47	163	437446	44.039	ng		98
50) 2,6-Dinitrotoluene	9.53	165	56090	28.511	ng		93
51) Acenaphthene	9.77	154	247283	30.500	ng		98
52) 3-Nitroaniline	9.69	138	83823	36.792	ng		97
54) Dibenzofuran	9.95	168	359903	29.848	ng		98
55) 4-Nitrophenol	9.86	139	91026	53.037	ng		97
56) 2,4-Dinitrotoluene	9.93	165	64310	25.836	ng	#	96
57) Fluorene	10.29	166	272356	31.658	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	70137	30.067	ng		88
59) Diethylphthalate	10.16	149	311489	30.967	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	130323	29.002	ng		94
61) 4-Nitroaniline	10.30	138	81758	36.797	ng		96
62) Azobenzene	10.44	77	275876	26.398	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	300	6.797	ng	#	18
65) n-Nitrosodiphenylamine	10.40	169	254006	32.857	ng		94
66) 4-Bromophenyl-phenylether	10.77	248	81200	31.251	ng	#	87
67) Hexachlorobenzene	10.84	284	83167	30.138	ng	#	91
68) Atrazine	10.93	200	78875	33.174	ng		94
69) Pentachlorophenol	11.03	266	79078	47.879	ng		98
70) Phenanthrene	11.25	178	500465	42.838	ng		99
71) Anthracene	11.29	178	419150	35.373	ng		99
72) Carbazole	11.45	167	373092	31.646	ng		99
73) Di-n-butylphthalate	11.79	149	448341	33.034	ng		99
74) Fluoranthene	12.43	202	609223	48.796	ng		97
76) Benzidine	12.55	184	230807	37.104	ng		98
77) Pyrene	12.66	202	578302	46.770	ng		99
79) Butylbenzylphthalate	13.27	149	192019	36.502	ng		96
80) Benzo(a)anthracene	13.84	228	378958	36.466	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	121054	30.651	ng		99
82) Chrysene	13.87	228	357518	34.711	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	255283	38.479	ng		98
84) Di-n-octyl phthalate	14.44	149	413268	36.432	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	254967	30.539	ng	#	92
87) Benzo(b)fluoranthene	14.86	252	299831	39.024	ng		98
88) Benzo(k)fluoranthene	14.88	252	246551	33.817	ng		97
89) Benzo(a)pyrene	15.20	252	260452	37.620	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	199332	35.095	ng	#	95
91) Benzo(g,h,i)perylene	17.02	276	209464	37.524	ng	#	92

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

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