Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109007.D
Acq On : 14 Sep 2018 20:52
Operator : JU/SJ
Sample : J4906-29MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MSD

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:37 PM

Quant Time: Sep 15 01:04:24 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	150441	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	589744	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	291040	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	580682	20.00	ng		0.00
75) Chrysene-d12	13.85	240	432133	20.00	ng		0.00
86) Perylene-d12	15.25	264	428725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	567706	62.68	ng		0.00
7) Phenol-d6	6.35	99	743391	63.65	ng		0.00
23) Nitrobenzene-d5	7.28	82	448303	42.64	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	205131	64.94	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	807596	43.47	ng		0.00
78) Terphenyl-d14	12.81	244	890177	48.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	76048	17.638	ng		94
3) Pyridine	3.12	79	212387	18.582	ng		90
4) n-Nitrosodimethylamine	3.03	42	97900	22.679	ng		92
6) Aniline	6.38	93	289845	19.200	ng		96
8) 2-Chlorophenol	6.50	128	219755	21.679	ng		97
9) Benzaldehyde	6.26	77	101066	13.549	ng		98
10) Phenol	6.37	94	302037	22.983	ng		95
11) bis(2-Chloroethyl)ether	6.45	93	210453	20.355	ng		97
12) 1,3-Dichlorobenzene	6.66	146	231163	19.941	ng		99
13) 1,4-Dichlorobenzene	6.74	146	232870	20.024	ng		99
14) 1,2-Dichlorobenzene	6.89	146	223476	20.728	ng		99
15) Benzyl Alcohol	6.86	79	195343	22.030	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	303902	20.515	ng		96
17) 2-Methylphenol	6.97	107	183876	22.234	ng		97
18) Hexachloroethane	7.24	117	83513	19.772	ng		95
19) n-Nitroso-di-n-propylamine	7.13	70	156038	20.211	ng		99
20) 3+4-Methylphenols	7.12	107	225683	22.659	ng	#	61
22) Acetophenone	7.12	105	297518	22.214	ng	#	93
24) Nitrobenzene	7.30	77	231662	21.370	ng		98
25) Isophorone	7.54	82	430323	23.809	ng		99
26) 2-Nitrophenol	7.62	139	108120	21.359	ng		93
27) 2,4-Dimethylphenol	7.66	122	198764	25.032	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	275021	22.612	ng		98
29) 2,4-Dichlorophenol	7.85	162	189526	22.399	ng		98
30) 1,2,4-Trichlorobenzene	7.94	180	189448	20.712	ng		97
31) Naphthalene	8.02	128	630320	23.028	ng		99
32) Benzoic acid	7.72	122	25641m	4.942	ng		
33) 4-Chloroaniline	8.07	127	227643	18.705	ng		100
34) Hexachlorobutadiene	8.15	225	109435	19.598	ng		96
35) Caprolactam	8.41	113	64321m	23.316	ng		
36) 4-Chloro-3-methylphenol	8.55	107	202896	22.778	ng		97
37) 2-Methylnaphthalene	8.71	142	430432	24.123	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	184750	20.169	ng		98
40) Hexachlorocyclopentadiene	8.87	237	178509	38.678	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	140059	22.748	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	149279	23.201	ng		98
45) 1,1'-Biphenyl	9.18	154	505117	21.693	ng		99
46) 2-Chloronaphthalene	9.20	162	395733	21.222	ng		96
47) 2-Nitroaniline	9.29	65	129032	22.508	ng		98
48) Acenaphthylene	9.61	152	652151	23.196	ng		99
49) Dimethylphthalate	9.48	163	561657	27.001	ng		100
50) 2,6-Dinitrotoluene	9.53	165	104331	22.616	ng		97
51) Acenaphthene	9.78	154	387332	22.124	ng		98
52) 3-Nitroaniline	9.70	138	110277	20.301	ng		94
53) 2,4-Dinitrophenol	9.80	184	30608	17.216	ng	#	21
54) Dibenzofuran	9.95	168	559099	22.100	ng		99
55) 4-Nitrophenol	9.86	139	180541	45.111	ng		99
56) 2,4-Dinitrotoluene	9.93	165	140662	23.315	ng		96
57) Fluorene	10.30	166	422121	25.038	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	124296	23.331	ng		88
59) Diethylphthalate	10.18	149	473631	22.547	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	197570	21.885	ng		96
61) 4-Nitroaniline	10.31	138	115950	22.467	ng		94
62) Azobenzene	10.45	77	474195	22.053	ng		97
64) 4,6-Dinitro-2-methylphenol	10.34	198	41551	14.956	ng		94
65) n-Nitrosodiphenylamine	10.41	169	418282	22.021	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	135313	20.670	ng	#	89
67) Hexachlorobenzene	10.85	284	145159	20.730	ng	#	86
68) Atrazine	10.94	200	141982	23.351	ng		96
69) Pentachlorophenol	11.04	266	150167	33.519	ng		98
70) Phenanthrene	11.25	178	656640	23.068	ng		99
71) Anthracene	11.30	178	688090	23.847	ng		99
72) Carbazole	11.45	167	641186	22.447	ng		100
73) Di-n-butylphthalate	11.80	149	762712	22.811	ng		99
74) Fluoranthene	12.43	202	710042	23.628	ng		98
76) Benzidine	12.55	184	499144	32.630	ng		98
77) Pyrene	12.66	202	703675	21.923	ng		100
79) Butylbenzylphthalate	13.28	149	319513	22.287	ng		95
80) Benzo(a)anthracene	13.84	228	594528	22.724	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	194721	18.444	ng		97
82) Chrysene	13.88	228	563902	21.543	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	400659	23.081	ng		100
84) Di-n-octyl phthalate	14.46	149	699696	23.767	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	530655	25.357	ng		95
87) Benzo(b)fluoranthene	14.86	252	538350	22.698	ng		98
88) Benzo(k)fluoranthene	14.88	252	478305	21.591	ng		99
89) Benzo(a)pyrene	15.19	252	487982	23.167	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	446573	25.236	ng		96
91) Benzo(g,h,i)perylene	17.01	276	444231	25.109	ng		93

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

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