Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF109006.D
Acq On : 14 Sep 2018 20:25
Operator : JU/SJ
Sample : J4906-29MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-PIT-2MS

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:35 PM

Quant Time: Sep 15 01:03:31 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	152266	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	601068	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	295293	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	594228	20.00	ng		0.00
75) Chrysene-d12	13.85	240	417022	20.00	ng		0.00
86) Perylene-d12	15.25	264	414213	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	690085	75.27	ng		0.00
7) Phenol-d6	6.35	99	904065	76.48	ng		0.00
23) Nitrobenzene-d5	7.28	82	561278	52.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	253479	79.10	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1022003	54.22	ng		0.00
78) Terphenyl-d14	12.81	244	1115299	63.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	86500	19.821	ng		94
3) Pyridine	3.12	79	241804	20.902	ng		90
4) n-Nitrosodimethylamine	3.04	42	117079	26.797	ng	#	93
6) Aniline	6.38	93	345772	22.630	ng		98
8) 2-Chlorophenol	6.50	128	262761	25.611	ng		98
9) Benzaldehyde	6.26	77	120042	15.900	ng		98
10) Phenol	6.37	94	353833	26.601	ng		93
11) bis(2-Chloroethyl)ether	6.45	93	251820	24.064	ng		99
12) 1,3-Dichlorobenzene	6.66	146	277514	23.652	ng		98
13) 1,4-Dichlorobenzene	6.74	146	274911	23.356	ng		99
14) 1,2-Dichlorobenzene	6.89	146	264983	24.283	ng		99
15) Benzyl Alcohol	6.86	79	234813	26.164	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	365019	24.345	ng		97
17) 2-Methylphenol	6.98	107	219236	26.192	ng		98
18) Hexachloroethane	7.24	117	99961	23.383	ng		99
19) n-Nitroso-di-n-propylamine	7.14	70	186649	23.887	ng		96
20) 3+4-Methylphenols	7.13	107	263399	26.128	ng	#	61
22) Acetophenone	7.13	105	359098	26.307	ng	#	94
24) Nitrobenzene	7.30	77	277744	25.138	ng		96
25) Isophorone	7.54	82	523035	28.393	ng		98
26) 2-Nitrophenol	7.62	139	128405	24.889	ng		97
27) 2,4-Dimethylphenol	7.66	122	240124	29.671	ng		98
28) bis(2-Chloroethoxy)methane	7.75	93	329222	26.558	ng		98
29) 2,4-Dichlorophenol	7.86	162	224837	26.071	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	226417	24.288	ng		95
31) Naphthalene	8.02	128	756295	27.109	ng		99
32) Benzoic acid	7.72	122	15476	2.927	ng		95
33) 4-Chloroaniline	8.07	127	265522	21.406	ng		98
34) Hexachlorobutadiene	8.15	225	130500	22.930	ng		99
35) Caprolactam	8.42	113	75239m	26.760	ng		
36) 4-Chloro-3-methylphenol	8.55	107	242351	26.695	ng		99
37) 2-Methylnaphthalene	8.71	142	513812	28.254	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	225079	24.217	ng		98
40) Hexachlorocyclopentadiene	8.88	237	213476	45.588	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	165239	26.451	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	179811	27.544	ng		93
45) 1,1'-Biphenyl	9.18	154	609407	25.795	ng		98
46) 2-Chloronaphthalene	9.20	162	476559	25.188	ng		97
47) 2-Nitroaniline	9.29	65	155434	26.723	ng		94
48) Acenaphthylene	9.61	152	786991	27.589	ng		100
49) Dimethylphthalate	9.48	163	679001	32.172	ng		99
50) 2,6-Dinitrotoluene	9.54	165	127051	27.145	ng		93
51) Acenaphthene	9.78	154	461654	25.990	ng		99
52) 3-Nitroaniline	9.70	138	131733	23.902	ng		95
53) 2,4-Dinitrophenol	9.80	184	25319	14.036	ng	#	22
54) Dibenzofuran	9.95	168	675263	26.307	ng		98
55) 4-Nitrophenol	9.86	139	215860	53.159	ng		96
56) 2,4-Dinitrotoluene	9.94	165	172179	28.128	ng	#	91
57) Fluorene	10.30	166	511970	29.930	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.08	232	150926	27.921	ng		88
59) Diethylphthalate	10.18	149	583001	27.354	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	237457	25.924	ng		90
61) 4-Nitroaniline	10.31	138	138441	26.439	ng		99
62) Azobenzene	10.45	77	572933	26.261	ng		93
64) 4,6-Dinitro-2-methylphenol	10.34	198	48438	17.037	ng		82
65) n-Nitrosodiphenylamine	10.41	169	496419	25.539	ng		96
66) 4-Bromophenyl-phenylether	10.78	248	167106	24.944	ng	#	90
67) Hexachlorobenzene	10.85	284	177353	24.750	ng	#	87
68) Atrazine	10.94	200	168166	27.026	ng		98
69) Pentachlorophenol	11.04	266	179315	39.113	ng		98
70) Phenanthrene	11.25	178	815643	28.001	ng		99
71) Anthracene	11.31	178	823297	27.882	ng		100
72) Carbazole	11.45	167	757641	25.920	ng		100
73) Di-n-butylphthalate	11.80	149	915344	26.752	ng		99
74) Fluoranthene	12.44	202	865272	28.137	ng		96
76) Benzidine	12.55	184	583644	39.537	ng		98
77) Pyrene	12.66	202	857483	27.682	ng		100
79) Butylbenzylphthalate	13.29	149	381080	27.544	ng	#	95
80) Benzo(a)anthracene	13.84	228	692333	27.421	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	217511	21.349	ng		98
82) Chrysene	13.88	228	659737	26.117	ng		100
83) Bis(2-ethylhexyl)phthalate	13.85	149	475561	28.389	ng		99
84) Di-n-octyl phthalate	14.46	149	822330	28.945	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	639831	31.682	ng		94
87) Benzo(b)fluoranthene	14.86	252	605652	26.430	ng		98
88) Benzo(k)fluoranthene	14.89	252	570672m	26.663	ng		
89) Benzo(a)pyrene	15.19	252	575683	28.289	ng		99
90) Dibenzo(a,h)anthracene	16.62	278	526100	30.771	ng		96
91) Benzo(g,h,i)perylene	17.01	276	538299	31.492	ng	#	92

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

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