Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111510.D
Acq On : 16 Dec 2018 16:00
Operator : JU/SJ
Sample : J6386-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS006-1824-01MS

Manual Integrations APPROVED
Sohil
12/17/2018 11:19:46 AM

Quant Time: Dec 17 07:13:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	180204	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	1024253	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	450541	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	629637	20.00	ng		0.00
76) Chrysene-d12	13.95	240	372205	20.00	ng		0.00
87) Perylene-d12	15.39	264	382091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1313587	121.30	ng		0.00
7) Phenol-d6	6.44	99	1858900	129.05	ng		0.00
23) Nitrobenzene-d5	7.35	82	1242145	72.22	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	378878	93.88	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2446145	83.86	ng		0.00
79) Terphenyl-d14	12.90	244	1421403	89.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	175851	33.622	ng		98
3) Pyridine	3.27	79	373778	28.455	ng		98
4) n-Nitrosodimethylamine	3.20	42	273877	45.901	ng		91
6) Aniline	6.45	93	186375	10.431	ng	#	1
8) 2-Chlorophenol	6.58	128	594884	45.975	ng		97
9) Benzaldehyde	6.33	77	187444	21.454	ng		95
10) Phenol	6.45	94	762628	47.526	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	567320	45.100	ng		99
12) 1,3-Dichlorobenzene	6.73	146	522646	36.694	ng		98
13) 1,4-Dichlorobenzene	6.80	146	537616	37.187	ng		97
14) 1,2-Dichlorobenzene	6.96	146	512494	37.681	ng		98
15) Benzyl Alcohol	6.93	79	430535	39.281	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1052555	42.855	ng		96
17) 2-Methylphenol	7.06	107	459685	44.144	ng	#	94
18) Hexachloroethane	7.30	117	219549	40.806	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	394969	41.561	ng		94
20) 3+4-Methylphenols	7.20	107	588340	45.041	ng	#	87
22) Acetophenone	7.20	105	796695	34.844	ng	#	90
24) Nitrobenzene	7.37	77	614895	35.044	ng		97
25) Isophorone	7.61	82	1222648	42.011	ng		99
26) 2-Nitrophenol	7.69	139	360083	39.572	ng		97
27) 2,4-Dimethylphenol	7.73	122	623626	47.274	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	883239	43.961	ng		99
29) 2,4-Dichlorophenol	7.93	162	593073	42.115	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	597238	40.513	ng		98
31) Naphthalene	8.09	128	2024467	42.259	ng		97
32) Benzoic acid	7.83	122	155823	13.669	ng		97
33) 4-Chloroaniline	8.14	127	158620	7.446	ng		98
34) Hexachlorobutadiene	8.22	225	306249	37.707	ng		98
35) Caprolactam	8.51	113	156482	29.929	ng		91
36) 4-Chloro-3-methylphenol	8.63	107	606275	39.113	ng		97
37) 2-Methylnaphthalene	8.79	142	1362297	42.024	ng		99
38) 1-Methylnaphthalene	8.89	142	1281063	40.905	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	510876	41.347	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	335181	52.838	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	359125	41.067	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	366490	39.384	ng		93
46) 1,1'-Biphenyl	9.25	154	1515425	39.697	ng		96
47) 2-Chloronaphthalene	9.27	162	1193274	41.123	ng		97
48) 2-Nitroaniline	9.37	65	382040	40.549	ng		91
49) Acenaphthylene	9.69	152	1856002	43.090	ng		96
50) Dimethylphthalate	9.55	163	1543918	47.583	ng		98
51) 2,6-Dinitrotoluene	9.61	165	299784	41.046	ng		95
52) Acenaphthene	9.86	154	1064540	39.103	ng		98
53) 3-Nitroaniline	9.77	138	189086	21.315	ng		92
54) 2,4-Dinitrophenol	9.88	184	19828m	7.136	ng		
55) Dibenzofuran	10.03	168	1577676	39.925	ng		95
56) 4-Nitrophenol	9.95	139	389041	63.370	ng		97
57) 2,4-Dinitrotoluene	10.01	165	360831	37.641	ng		97
58) Fluorene	10.37	166	1171114	40.859	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	250932	34.513	ng		96
60) Diethylphthalate	10.25	149	1308878	39.823	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	533668	38.056	ng		96
62) 4-Nitroaniline	10.39	138	251519	28.641	ng		93
63) Azobenzene	10.53	77	1217580	37.577	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	28811	8.105	ng		82
66) n-Nitrosodiphenylamine	10.49	169	1037076	47.763	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	312189	46.003	ng		95
68) Hexachlorobenzene	10.93	284	299060	42.841	ng		98
69) Atrazine	11.02	200	277883	44.284	ng		98
70) Pentachlorophenol	11.12	266	263870	61.629	ng		95
71) Phenanthrene	11.33	178	1548182	47.719	ng		95
72) Anthracene	11.39	178	1421012	42.827	ng		96
73) Carbazole	11.54	167	1268215	36.962	ng		96
74) Di-n-butylphthalate	11.87	149	1344545	35.186	ng		96
75) Fluoranthene	12.52	202	1303649	41.073	ng		98
77) Benzidine	12.66	184	3964m	0.290	ng		
78) Pyrene	12.75	202	1376977	52.473	ng		96
80) Butylbenzylphthalate	13.37	149	493484	38.581	ng		95
81) Benzo(a)anthracene	13.94	228	906897	44.811	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	28082	3.413	ng	#	97
83) Chrysene	13.97	228	886567	41.584	ng		96
84) Bis(2-ethylhexyl)phthalate	13.93	149	681251	41.699	ng		98
85) Di-n-octyl phthalate	14.54	149	1120953	40.677	ng		98
86) Indeno(1,2,3-cd)pyrene	16.80	276	752410	48.899	ng		96
88) Benzo(b)fluoranthene	14.97	252	769361	34.537	ng		99
89) Benzo(k)fluoranthene	15.00	252	719321	33.794	ng		98
90) Benzo(a)pyrene	15.33	252	839754	41.804	ng		99
91) Dibenzo(a,h)anthracene	16.82	278	632718	39.929	ng		98
92) Benzo(g,h,i)perylene	17.23	276	626910	40.305	ng		99

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

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