Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111395.D
Acq On : 14 Dec 2018 2:54
Operator : JU/SJ
Sample : J6322-23MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-6-C-1-120618MS

Manual Integrations APPROVED
Sohil
12/14/2018 12:54:01 PM

Quant Time: Dec 14 04:14:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 13:16:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	238637	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1102349	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	435672	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	636911	20.00	ng		0.00
76) Chrysene-d12	13.95	240	414832	20.00	ng		0.00
87) Perylene-d12	15.39	264	335825	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1900274	134.66	ng		0.02
7) Phenol-d6	6.45	99	2317045	121.78	ng		0.02
23) Nitrobenzene-d5	7.36	82	1684655	86.14	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	407493	106.10	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2528491	93.18	ng		0.00
79) Terphenyl-d14	12.90	244	1750501	92.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	249776	35.434	ng		98
3) Pyridine	3.32	79	647043	37.366	ng		98
4) n-Nitrosodimethylamine	3.24	42	381844	47.269	ng		94
6) Aniline	6.46	93	374343	16.263	ng	#	1
8) 2-Chlorophenol	6.59	128	716889	41.330	ng		99
9) Benzaldehyde	6.34	77	262294	21.002	ng		96
10) Phenol	6.46	94	957827	44.440	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	690869	40.745	ng		99
12) 1,3-Dichlorobenzene	6.74	146	778471	41.458	ng		98
13) 1,4-Dichlorobenzene	6.81	146	734993	38.667	ng		96
14) 1,2-Dichlorobenzene	6.97	146	694924	39.518	ng		98
15) Benzyl Alcohol	6.95	79	571716	39.241	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1344973	40.944	ng		87
17) 2-Methylphenol	7.06	107	580391	41.410	ng	#	95
18) Hexachloroethane	7.31	117	290087	41.106	ng		94
19) n-Nitroso-di-n-propylamine	7.22	70	569322	45.029	ng		98
20) 3+4-Methylphenols	7.22	107	805704	48.204	ng	#	67
22) Acetophenone	7.20	105	1113934	43.503	ng	#	86
24) Nitrobenzene	7.38	77	830374	41.219	ng		94
25) Isophorone	7.62	82	1534280	46.183	ng		99
26) 2-Nitrophenol	7.69	139	381650	38.542	ng		98
27) 2,4-Dimethylphenol	7.74	122	697045	46.372	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	998918	43.807	ng		98
29) 2,4-Dichlorophenol	7.95	162	636790	40.611	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	643908	39.966	ng		98
31) Naphthalene	8.10	128	2199581	42.827	ng		98
32) Benzoic acid	7.85	122	313655m	25.101	ng		
33) 4-Chloroaniline	8.15	127	135550	6.180	ng		96
34) Hexachlorobutadiene	8.22	225	347542	38.884	ng		99
35) Caprolactam	8.52	113	203213	36.986	ng		97
36) 4-Chloro-3-methylphenol	8.65	107	631922	37.819	ng		100
37) 2-Methylnaphthalene	8.79	142	1429412	43.054	ng		99
38) 1-Methylnaphthalene	8.89	142	1335117	41.666	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	536403	43.801	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	219489	34.324 ng	98
43) 2,4,6-Trichlorophenol	9.07	196	369601	42.166 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	365599	39.466 ng	94
46) 1,1'-Biphenyl	9.26	154	1571293	42.270 ng	96
47) 2-Chloronaphthalene	9.28	162	1216420	42.729 ng	96
48) 2-Nitroaniline	9.37	65	399769	43.214 ng	95
49) Acenaphthylene	9.69	152	1857981	44.672 ng	96
50) Dimethylphthalate	9.56	163	1636823	52.245 ng	100
51) 2,6-Dinitrotoluene	9.62	165	295362	42.531 ng	94
52) Acenaphthene	9.87	154	1063938	40.557 ng	99
53) 3-Nitroaniline	9.78	138	230882	27.660 ng	99
54) 2,4-Dinitrophenol	9.89	184	19554	7.177 ng	92
55) Dibenzofuran	10.04	168	1564706	41.317 ng	96
56) 4-Nitrophenol	9.96	139	400551	66.634 ng	87
57) 2,4-Dinitrotoluene	10.02	165	351099	39.448 ng	96
58) Fluorene	10.38	166	1133645	41.845 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	266281	37.210 ng	99
60) Diethylphthalate	10.26	149	1320040	41.852 ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	535220	39.851 ng	97
62) 4-Nitroaniline	10.40	138	273788	34.124 ng	92
63) Azobenzene	10.53	77	1233903	38.800 ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	26095	7.137 ng	96
66) n-Nitrosodiphenylamine	10.49	169	1031431	45.526 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	310547	43.798 ng	97
68) Hexachlorobenzene	10.93	284	306850	42.028 ng	98
69) Atrazine	11.02	200	294788	44.987 ng	98
70) Pentachlorophenol	11.13	266	269767	55.524 ng	96
71) Phenanthrene	11.34	178	1471674	44.704 ng	95
72) Anthracene	11.39	178	1511821	45.101 ng	96
73) Carbazole	11.55	167	1384507	39.945 ng	96
74) Di-n-butylphthalate	11.88	149	1780514	45.117 ng	97
75) Fluoranthene	12.53	202	1400025	43.563 ng	98
77) Benzidine	12.65	184	290975	37.169 ng	97
78) Pyrene	12.76	202	1424597	44.497 ng	96
80) Butylbenzylphthalate	13.37	149	686541	44.663 ng	98
81) Benzo(a)anthracene	13.94	228	1014147	43.694 ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	316252	36.027 ng	97
83) Chrysene	13.98	228	1033772	43.655 ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	881518	46.909 ng	99
85) Di-n-octyl phthalate	14.55	149	1497366	48.527 ng	96
86) Indeno(1,2,3-cd)pyrene	16.80	276	811405	43.810 ng	99
88) Benzo(b)fluoranthene	14.97	252	851874	44.610 ng	99
89) Benzo(k)fluoranthene	15.00	252	849211	44.552 ng	99
90) Benzo(a)pyrene	15.33	252	808046	45.446 ng	98
91) Dibenzo(a,h)anthracene	16.82	278	682778	46.155 ng	97
92) Benzo(g,h,i)perylene	17.23	276	596007	40.298 ng	96

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

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