Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
Data File : BF111396.D
Acq On : 14 Dec 2018 3:21
Operator : JU/SJ
Sample : J6322-23MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
12/14/2018 12:54:03 PM

Quant Time: Dec 14 04:16:36 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	245495	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1081727	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	426585	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	605965	20.00	ng		0.00
76) Chrysene-d12	13.95	240	389319	20.00	ng		0.00
87) Perylene-d12	15.39	264	309827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1934369	133.24	ng		0.02
7) Phenol-d6	6.45	99	2383877	121.79	ng		0.02
23) Nitrobenzene-d5	7.36	82	1678776	87.47	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	386389	102.75	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2461226	92.63	ng		0.00
79) Terphenyl-d14	12.90	244	1673453	94.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	248947	34.330	ng		98
3) Pyridine	3.31	79	699599	39.272	ng		97
4) n-Nitrosodimethylamine	3.24	42	389349	46.852	ng		94
6) Aniline	6.46	93	227033	9.588	ng	#	1
8) 2-Chlorophenol	6.59	128	771453	43.234	ng		93
9) Benzaldehyde	6.34	77	299470	23.801	ng		97
10) Phenol	6.46	94	995914	44.916	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	719818	41.266	ng		99
12) 1,3-Dichlorobenzene	6.74	146	754640	39.066	ng		97
13) 1,4-Dichlorobenzene	6.82	146	798948	40.857	ng		98
14) 1,2-Dichlorobenzene	6.97	146	769366	42.529	ng		99
15) Benzyl Alcohol	6.95	79	605766	40.416	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1478551	43.753	ng		84
17) 2-Methylphenol	7.06	107	673498	46.710	ng	#	94
18) Hexachloroethane	7.31	117	302427	41.658	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	586603	45.100	ng		98
20) 3+4-Methylphenols	7.22	107	850160	49.443	ng	#	67
22) Acetophenone	7.20	105	1159174	46.133	ng	#	86
24) Nitrobenzene	7.38	77	849635	42.979	ng		95
25) Isophorone	7.62	82	1548152	47.489	ng		99
26) 2-Nitrophenol	7.69	139	385382	39.661	ng		99
27) 2,4-Dimethylphenol	7.74	122	711028	48.204	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	1020675	45.614	ng		98
29) 2,4-Dichlorophenol	7.95	162	632764	41.124	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	659202	41.695	ng		99
31) Naphthalene	8.10	128	2277332	45.186	ng		98
32) Benzoic acid	7.85	122	294316m	24.003	ng		
33) 4-Chloroaniline	8.15	127	85064	3.952	ng		96
34) Hexachlorobutadiene	8.22	225	358786	40.907	ng		98
35) Caprolactam	8.52	113	211953m	39.312	ng		
36) 4-Chloro-3-methylphenol	8.65	107	633461	38.634	ng		99
37) 2-Methylnaphthalene	8.79	142	1444570	44.340	ng		99
38) 1-Methylnaphthalene	8.89	142	1333908	42.422	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	546454	45.573	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	164981	26.349	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	365618	42.601	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	372623	41.081	ng		93
46) 1,1'-Biphenyl	9.26	154	1587004	43.602	ng		96
47) 2-Chloronaphthalene	9.28	162	1221727	43.830	ng		96
48) 2-Nitroaniline	9.37	65	396514	43.775	ng		94
49) Acenaphthylene	9.69	152	1843876	45.277	ng		96
50) Dimethylphthalate	9.56	163	1624763	52.965	ng		98
51) 2,6-Dinitrotoluene	9.62	165	292465	43.011	ng		95
52) Acenaphthene	9.87	154	1056388	41.127	ng		98
53) 3-Nitroaniline	9.78	138	165112	20.202	ng		95
54) 2,4-Dinitrophenol	9.89	184	11125	4.170	ng	#	77
55) Dibenzofuran	10.04	168	1562812	42.146	ng		96
56) 4-Nitrophenol	9.96	139	383334	65.128	ng		100
57) 2,4-Dinitrotoluene	10.02	165	350104	40.174	ng		99
58) Fluorene	10.38	166	1132027	42.675	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	260042	37.112	ng		99
60) Diethylphthalate	10.26	149	1315380	42.592	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	520123	39.552	ng		97
62) 4-Nitroaniline	10.39	138	258309	32.881	ng		97
63) Azobenzene	10.53	77	1224940	39.339	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	15292	4.396	ng		99
66) n-Nitrosodiphenylamine	10.49	169	1018161	47.235	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	303064	44.926	ng		96
68) Hexachlorobenzene	10.93	284	298971	43.040	ng		98
69) Atrazine	11.02	200	292843	46.972	ng		98
70) Pentachlorophenol	11.13	266	254199	54.991	ng		98
71) Phenanthrene	11.34	178	1444706	46.126	ng		95
72) Anthracene	11.39	178	1477349	46.323	ng		95
73) Carbazole	11.54	167	1345095	40.790	ng		97
74) Di-n-butylphthalate	11.88	149	1756999	46.795	ng		97
75) Fluoranthene	12.53	202	1379356	45.112	ng		97
77) Benzidine	12.64	184	350437	47.698	ng		97
78) Pyrene	12.76	202	1388681	46.218	ng		95
80) Butylbenzylphthalate	13.37	149	669593	46.415	ng		97
81) Benzo(a)anthracene	13.94	228	983422	45.146	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	285548	34.661	ng		98
83) Chrysene	13.98	228	1019863	45.890	ng		96
84) Bis(2-ethylhexyl)phthalate	13.94	149	866847	49.152	ng		98
85) Di-n-octyl phthalate	14.55	149	1461684	50.475	ng		97
86) Indeno(1,2,3-cd)pyrene	16.80	276	644553	37.082	ng		97
88) Benzo(b)fluoranthene	14.97	252	817069	46.377	ng		99
89) Benzo(k)fluoranthene	15.00	252	817242	46.472	ng		98
90) Benzo(a)pyrene	15.33	252	768639	46.857	ng		97
91) Dibenzo(a,h)anthracene	16.82	278	552780	40.503	ng		95
92) Benzo(g,h,i)perylene	17.23	276	597936	43.821	ng		98

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

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