Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111528.D
Acq On : 17 Dec 2018 9:59
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/18/2018 12:47:41 PM

Quant Time: Dec 18 04:17:58 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	179421	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	629450	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	312757	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	825711	20.00	ng		0.00
76) Chrysene-d12	13.95	240	643265	20.00	ng		0.00
87) Perylene-d12	15.39	264	505571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	801481	74.33	ng		0.00
7) Phenol-d6	6.44	99	1132906	78.99	ng		0.00
23) Nitrobenzene-d5	7.36	82	1048935	99.23	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	335599	119.79	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1687444	83.34	ng		0.00
79) Terphenyl-d14	12.90	244	2068731	75.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	197538	37.933	ng		97
3) Pyridine	3.23	79	520898	39.827	ng		94
4) n-Nitrosodimethylamine	3.18	42	233634	39.327	ng		90
6) Aniline	6.45	93	634293	35.654	ng	#	26
8) 2-Chlorophenol	6.58	128	516027	40.055	ng		98
9) Benzaldehyde	6.33	77	320925	36.892	ng		100
10) Phenol	6.45	94	579232	36.255	ng	#	69
11) bis(2-Chloroethyl)ether	6.53	93	447587	35.737	ng		100
12) 1,3-Dichlorobenzene	6.73	146	576665	40.664	ng		98
13) 1,4-Dichlorobenzene	6.81	146	586737	40.762	ng		99
14) 1,2-Dichlorobenzene	6.96	146	509974	37.659	ng		98
15) Benzyl Alcohol	6.93	79	401315	36.775	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	946560	38.708	ng		96
17) 2-Methylphenol	7.06	107	400883	38.665	ng		93
18) Hexachloroethane	7.30	117	205975	38.450	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	366692	38.753	ng		96
20) 3+4-Methylphenols	7.21	107	512327	39.393	ng	#	73
22) Acetophenone	7.20	105	718438	51.129	ng	#	90
24) Nitrobenzene	7.37	77	472880	43.855	ng		94
25) Isophorone	7.62	82	875584	48.956	ng		99
26) 2-Nitrophenol	7.69	139	242477	43.361	ng		95
27) 2,4-Dimethylphenol	7.73	122	342933	42.302	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	496944	40.248	ng		98
29) 2,4-Dichlorophenol	7.94	162	366881	42.394	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	373104	41.184	ng		99
31) Naphthalene	8.10	128	1206440	40.979	ng		96
32) Benzoic acid	7.87	122	246862m	35.238	ng		
33) 4-Chloroaniline	8.15	127	528331	40.357	ng		96
34) Hexachlorobutadiene	8.22	225	215959	43.268	ng		97
35) Caprolactam	8.52	113	131268m	40.854	ng		
36) 4-Chloro-3-methylphenol	8.63	107	390837	41.029	ng		100
37) 2-Methylnaphthalene	8.79	142	793045	39.808	ng		98
38) 1-Methylnaphthalene	8.89	142	763156	39.652	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	354063	41.280	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	173857	39.481 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	243885	40.175 ng	99
44) 2,4,5-Trichlorophenol	9.12	196	266113	41.196 ng	96
46) 1,1'-Biphenyl	9.25	154	1084249	40.914 ng	95
47) 2-Chloronaphthalene	9.27	162	834850	41.445 ng	95
48) 2-Nitroaniline	9.37	65	262309	40.106 ng	99
49) Acenaphthylene	9.69	152	1244678	41.628 ng	95
50) Dimethylphthalate	9.55	163	927970	41.199 ng	99
51) 2,6-Dinitrotoluene	9.61	165	211407	41.698 ng	88
52) Acenaphthene	9.86	154	796117	42.127 ng	98
53) 3-Nitroaniline	9.78	138	256392	41.635 ng	98
54) 2,4-Dinitrophenol	9.89	184	83503	43.291 ng	87
55) Dibenzofuran	10.03	168	1176286	42.881 ng	97
56) 4-Nitrophenol	9.96	139	181018	42.475 ng	95
57) 2,4-Dinitrotoluene	10.02	165	287627	43.223 ng	98
58) Fluorene	10.37	166	1150546	57.826 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	243980	48.341 ng	100
60) Diethylphthalate	10.25	149	1076631	47.188 ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	543709	55.853 ng	98
62) 4-Nitroaniline	10.40	138	370354	60.752 ng	94
63) Azobenzene	10.53	77	1321411	58.748 ng	95
65) 4,6-Dinitro-2-methylphenol	10.43	198	186919	40.098 ng	90
66) n-Nitrosodiphenylamine	10.49	169	1138884	39.997 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	354567	39.841 ng	100
68) Hexachlorobenzene	10.93	284	366431	40.028 ng	95
69) Atrazine	11.02	200	328900	39.968 ng	97
70) Pentachlorophenol	11.12	266	237891	42.368 ng	94
71) Phenanthrene	11.34	178	1687099	39.652 ng	94
72) Anthracene	11.39	178	1716770	39.455 ng	96
73) Carbazole	11.54	167	1811517	40.260 ng	95
74) Di-n-butylphthalate	11.87	149	2059077	41.090 ng	97
75) Fluoranthene	12.52	202	1721816	41.366 ng	99
77) Benzidine	12.64	184	941703	39.824 ng	99
78) Pyrene	12.75	202	1793186	39.539 ng	96
80) Butylbenzylphthalate	13.37	149	900132	40.719 ng	95
81) Benzo(a)anthracene	13.94	228	1373013	39.255 ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	565161	39.747 ng	98
83) Chrysene	13.98	228	1439675	39.073 ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	1143583	40.502 ng	98
85) Di-n-octyl phthalate	14.54	149	1953894	41.026 ng	97
86) Indeno(1,2,3-cd)pyrene	16.80	276	915932	34.443 ng	98
88) Benzo(b)fluoranthene	14.97	252	1200797	40.739 ng	98
89) Benzo(k)fluoranthene	15.00	252	1197568	42.521 ng	99
90) Benzo(a)pyrene	15.33	252	1081338	40.682 ng	97
91) Dibenzo(a,h)anthracene	16.82	278	764943	36.483 ng	99
92) Benzo(g,h,i)perylene	17.23	276	753686	36.621 ng	97

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

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