Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111593.D
Acq On : 19 Dec 2018 16:01
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:49 PM

Quant Time: Dec 19 16:42:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 16:16:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	220600	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	791947	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	392942	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	737584	20.00	ng		0.00
76) Chrysene-d12	14.05	240	517298	20.00	ng		0.00
87) Perylene-d12	15.52	264	442873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1226935	92.55	ng		0.00
7) Phenol-d6	6.52	99	1563512	88.67	ng		0.00
23) Nitrobenzene-d5	7.46	82	1397287	105.07	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	455166	129.31	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2505344	98.48	ng		0.00
79) Terphenyl-d14	13.00	244	2699498	122.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	294242	45.956	ng		97
3) Pyridine	3.46	79	766621	47.674	ng		98
4) n-Nitrosodimethylamine	3.41	42	379116	51.904	ng		85
6) Aniline	6.56	93	1018254	46.552	ng		99
8) 2-Chlorophenol	6.69	128	685530	43.279	ng		98
9) Benzaldehyde	6.45	77	520388	48.654	ng		96
10) Phenol	6.54	94	902468	45.942	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	668371	43.404	ng		96
12) 1,3-Dichlorobenzene	6.84	146	795151	45.604	ng		99
13) 1,4-Dichlorobenzene	6.92	146	812396	45.903	ng		98
14) 1,2-Dichlorobenzene	7.07	146	748024	44.927	ng		97
15) Benzyl Alcohol	7.03	79	634644	47.300	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1217834	40.505	ng		100
17) 2-Methylphenol	7.15	107	553952	43.455	ng		97
18) Hexachloroethane	7.42	117	278967	42.355	ng	#	88
19) n-Nitroso-di-n-propylamine	7.32	70	516636	44.408	ng		98
20) 3+4-Methylphenols	7.30	107	690535	43.184	ng	#	84
22) Acetophenone	7.31	105	949129	53.687	ng	#	85
24) Nitrobenzene	7.48	77	731503	53.919	ng		99
25) Isophorone	7.72	82	1166885	51.856	ng		100
26) 2-Nitrophenol	7.79	139	312472	44.413	ng		94
27) 2,4-Dimethylphenol	7.83	122	537477	52.695	ng		95
28) bis(2-Chloroethoxy)methane	7.93	93	776075	49.958	ng		99
29) 2,4-Dichlorophenol	8.03	162	601251	55.220	ng		96
30) 1,2,4-Trichlorobenzene	8.12	180	664202	58.272	ng		97
31) Naphthalene	8.20	128	1813954	48.971	ng		97
32) Benzoic acid	7.95	122	389249m	44.162	ng		
33) 4-Chloroaniline	8.25	127	783883	47.591	ng		100
34) Hexachlorobutadiene	8.33	225	408977	65.127	ng		98
35) Caprolactam	8.62	113	200192	49.521	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	583136	48.656	ng		100
37) 2-Methylnaphthalene	8.89	142	1182261	47.168	ng		99
38) 1-Methylnaphthalene	8.99	142	1134371	46.846	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	629188	58.387	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	318727	57.609	ng		98
43) 2,4,6-Trichlorophenol	9.16	196	425706	55.817	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	431798	53.204	ng		93
46) 1,1'-Biphenyl	9.36	154	1592686	47.836	ng		97
47) 2-Chloronaphthalene	9.38	162	1257668	49.695	ng		96
48) 2-Nitroaniline	9.47	65	356600	43.397	ng		99
49) Acenaphthylene	9.80	152	1846530	49.155	ng		96
50) Dimethylphthalate	9.66	163	1383085	48.874	ng		98
51) 2,6-Dinitrotoluene	9.71	165	296449	46.540	ng	#	83
52) Acenaphthene	9.97	154	1145702	48.254	ng		99
53) 3-Nitroaniline	9.88	138	324573	41.951	ng	#	99
54) 2,4-Dinitrophenol	9.98	184	83073	34.280	ng	#	56
55) Dibenzofuran	10.14	168	1710430	49.629	ng		97
56) 4-Nitrophenol	10.03	139	249488	46.595	ng		95
57) 2,4-Dinitrotoluene	10.11	165	367205	43.921	ng		93
58) Fluorene	10.48	166	1203507	48.144	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	364855	57.538	ng		90
60) Diethylphthalate	10.36	149	1353840	47.229	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	674169	55.123	ng		91
62) 4-Nitroaniline	10.49	138	306890	40.069	ng		88
63) Azobenzene	10.63	77	1361756	48.187	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	149081	35.802	ng		80
66) n-Nitrosodiphenylamine	10.59	169	1181940	46.468	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	441916	55.589	ng		92
68) Hexachlorobenzene	11.03	284	490836	60.023	ng	#	93
69) Atrazine	11.12	200	407677	55.460	ng		97
70) Pentachlorophenol	11.22	266	321311	64.062	ng		96
71) Phenanthrene	11.44	178	1850127	48.679	ng		96
72) Anthracene	11.49	178	1869003	48.085	ng		97
73) Carbazole	11.64	167	1788462	44.496	ng		96
74) Di-n-butylphthalate	11.98	149	2017649	45.074	ng		97
75) Fluoranthene	12.63	202	1859011	49.998	ng		97
77) Benzidine	12.74	184	949658	49.940	ng		98
78) Pyrene	12.86	202	1885940	51.710	ng		98
80) Butylbenzylphthalate	13.47	149	768996	43.257	ng	#	88
81) Benzo(a)anthracene	14.04	228	1429894	50.836	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	572589	50.075	ng		97
83) Chrysene	14.07	228	1431413	48.308	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	923234	40.660	ng		98
85) Di-n-octyl phthalate	14.64	149	1404456	36.670	ng		97
86) Indeno(1,2,3-cd)pyrene	17.00	276	1315288	61.504	ng	#	90
88) Benzo(b)fluoranthene	15.09	252	1280476	49.592	ng	#	95
89) Benzo(k)fluoranthene	15.12	252	1181064	47.872	ng	#	96
90) Benzo(a)pyrene	15.46	252	1159007	49.778	ng	#	95
91) Dibenzo(a,h)anthracene	17.02	278	1107981	60.325	ng	#	92
92) Benzo(g,h,i)perylene	17.44	276	1092899	60.620	ng	#	90

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

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