Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111629.D
Acq On : 20 Dec 2018 10:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/21/2018 2:46:32 PM

Quant Time: Dec 20 15:49:56 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 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	207734	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	777840	20.00	ng		0.00
39) Acenaphthene-d10	9.94	164	402901	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	782226	20.00	ng		0.00
76) Chrysene-d12	14.06	240	606000	20.00	ng		0.00
87) Perylene-d12	15.53	264	472062	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	975341	80.03	ng		0.00
7) Phenol-d6	6.53	99	1252888	80.78	ng		0.00
23) Nitrobenzene-d5	7.46	82	1143840	85.60	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	411123	86.36	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2153216	77.90	ng		0.00
79) Terphenyl-d14	13.00	244	2494992	78.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	220965	38.536	ng		96
3) Pyridine	3.46	79	583028	39.029	ng		96
4) n-Nitrosodimethylamine	3.40	42	285175	39.007	ng		87
6) Aniline	6.56	93	794311	40.177	ng		99
8) 2-Chlorophenol	6.69	128	553320	40.986	ng		95
9) Benzaldehyde	6.45	77	434072	40.693	ng		95
10) Phenol	6.54	94	710229	40.584	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	521397	39.760	ng		99
12) 1,3-Dichlorobenzene	6.85	146	629373	40.227	ng		98
13) 1,4-Dichlorobenzene	6.92	146	637773	40.195	ng		98
14) 1,2-Dichlorobenzene	7.07	146	603676	40.779	ng		95
15) Benzyl Alcohol	7.03	79	500873	40.662	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	920033	38.093	ng		99
17) 2-Methylphenol	7.15	107	437541	40.475	ng		96
18) Hexachloroethane	7.42	117	220750	41.286	ng	#	88
19) n-Nitroso-di-n-propylamine	7.31	70	400628	38.894	ng		95
20) 3+4-Methylphenols	7.30	107	557721	40.831	ng	#	85
22) Acetophenone	7.30	105	771256	39.139	ng	#	95
24) Nitrobenzene	7.48	77	586291	41.861	ng		97
25) Isophorone	7.72	82	931221	39.253	ng		98
26) 2-Nitrophenol	7.79	139	277726	48.893	ng		94
27) 2,4-Dimethylphenol	7.83	122	434459	38.800	ng		93
28) bis(2-Chloroethoxy)methane	7.93	93	610658	38.682	ng		99
29) 2,4-Dichlorophenol	8.03	162	487886	40.509	ng		97
30) 1,2,4-Trichlorobenzene	8.12	180	529975	39.488	ng		98
31) Naphthalene	8.20	128	1481663	39.644	ng		97
32) Benzoic acid	7.94	122	318107m	42.967	ng		
33) 4-Chloroaniline	8.25	127	648561	40.149	ng		100
34) Hexachlorobutadiene	8.33	225	321189	39.266	ng		98
35) Caprolactam	8.62	113	167600	41.067	ng		95
36) 4-Chloro-3-methylphenol	8.73	107	486389	41.083	ng		95
37) 2-Methylnaphthalene	8.89	142	984308	40.480	ng		99
38) 1-Methylnaphthalene	8.99	142	941345	40.309	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	523348	39.530	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283003	44.050	ng		99
43) 2,4,6-Trichlorophenol	9.17	196	357192	40.410	ng		99
44) 2,4,5-Trichlorophenol	9.21	196	367217	40.495	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1352766	39.774	ng		96
47) 2-Chloronaphthalene	9.38	162	1058009	39.263	ng		95
48) 2-Nitroaniline	9.47	65	324488	46.288	ng		99
49) Acenaphthylene	9.80	152	1568428	39.865	ng		97
50) Dimethylphthalate	9.66	163	1172816	39.806	ng		98
51) 2,6-Dinitrotoluene	9.71	165	266537	45.369	ng	#	86
52) Acenaphthene	9.97	154	987858	40.710	ng		98
53) 3-Nitroaniline	9.88	138	296283	47.288	ng		98
54) 2,4-Dinitrophenol	9.98	184	93803	52.515	ng	#	33
55) Dibenzofuran	10.14	168	1475350	40.244	ng		96
56) 4-Nitrophenol	10.03	139	230273	48.158	ng		92
57) 2,4-Dinitrotoluene	10.12	165	339914	48.141	ng	#	94
58) Fluorene	10.49	166	1049468	39.727	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	311689	40.843	ng	#	88
60) Diethylphthalate	10.36	149	1149515	39.774	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	579591	39.712	ng		93
62) 4-Nitroaniline	10.49	138	285148	46.825	ng		92
63) Azobenzene	10.63	77	1146040	39.498	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	156676	48.399	ng		89
66) n-Nitrosodiphenylamine	10.59	169	1022489	38.940	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	379827	39.149	ng		93
68) Hexachlorobenzene	11.03	284	424707	39.261	ng		99
69) Atrazine	11.12	200	363029	39.797	ng		96
70) Pentachlorophenol	11.22	266	273666	40.921	ng		97
71) Phenanthrene	11.45	178	1614296	38.913	ng		95
72) Anthracene	11.50	178	1640713	39.403	ng		96
73) Carbazole	11.65	167	1590274	39.338	ng		96
74) Di-n-butylphthalate	11.98	149	1736564	38.312	ng		97
75) Fluoranthene	12.63	202	1672808	39.820	ng		97
77) Benzidine	12.75	184	931847	40.864	ng		99
78) Pyrene	12.86	202	1709380	39.944	ng		97
80) Butylbenzylphthalate	13.47	149	707854	40.579	ng		90
81) Benzo(a)anthracene	14.05	228	1378086	39.847	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	569271	41.661	ng	#	96
83) Chrysene	14.08	228	1349827	39.711	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	856842	38.996	ng	#	98
85) Di-n-octyl phthalate	14.64	149	1247431	36.642	ng		96
86) Indeno(1,2,3-cd)pyrene	17.01	276	1089769	37.714	ng	#	88
88) Benzo(b)fluoranthene	15.09	252	1143665	41.453	ng	#	96
89) Benzo(k)fluoranthene	15.12	252	1035587	39.427	ng	#	97
90) Benzo(a)pyrene	15.46	252	1003366	40.031	ng	#	95
91) Dibenzo(a,h)anthracene	17.03	278	908359	41.385	ng	#	93
92) Benzo(g,h,i)perylene	17.46	276	898001	41.899	ng	#	87

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

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