Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111598.D
Acq On : 19 Dec 2018 18:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/20/2018 12:41:58 PM

Quant Time: Dec 20 10:30:21 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	224159	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	807394	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	396577	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	744507	20.00	ng		0.00
76) Chrysene-d12	14.04	240	534006	20.00	ng		0.00
87) Perylene-d12	15.52	264	442456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1036262	78.80	ng		0.00
7) Phenol-d6	6.52	99	1303343	77.88	ng		0.00
23) Nitrobenzene-d5	7.46	82	1158747	83.54	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	386646	82.51	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	2143140	78.77	ng		0.00
79) Terphenyl-d14	13.00	244	2318191	82.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	244338	39.490	ng		97
3) Pyridine	3.46	79	645129	40.021	ng		98
4) n-Nitrosodimethylamine	3.40	42	310779	39.394	ng		86
6) Aniline	6.56	93	833238	39.057	ng		99
8) 2-Chlorophenol	6.68	128	577469	39.640	ng		99
9) Benzaldehyde	6.45	77	453938	39.437	ng		98
10) Phenol	6.53	94	748727m	39.649	ng		
11) bis(2-Chloroethyl)ether	6.63	93	556003	39.292	ng		94
12) 1,3-Dichlorobenzene	6.84	146	665894	39.443	ng		98
13) 1,4-Dichlorobenzene	6.92	146	672201	39.260	ng		98
14) 1,2-Dichlorobenzene	7.07	146	630064	39.443	ng		97
15) Benzyl Alcohol	7.03	79	526701	39.626	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1011572	38.815	ng		99
17) 2-Methylphenol	7.14	107	459572	39.398	ng		96
18) Hexachloroethane	7.42	117	233631	40.493	ng	#	85
19) n-Nitroso-di-n-propylamine	7.31	70	428155	38.521	ng		96
20) 3+4-Methylphenols	7.29	107	584157	39.633	ng	#	77
22) Acetophenone	7.30	105	801516	39.185	ng	#	88
24) Nitrobenzene	7.47	77	603661	41.523	ng		98
25) Isophorone	7.72	82	963399	39.123	ng		98
26) 2-Nitrophenol	7.79	139	258266	43.803	ng		97
27) 2,4-Dimethylphenol	7.82	122	470730	40.500	ng		97
28) bis(2-Chloroethoxy)methane	7.92	93	644370	39.323	ng		98
29) 2,4-Dichlorophenol	8.03	162	499490	39.954	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	554384	39.795	ng		97
31) Naphthalene	8.20	128	1546257	39.858	ng		97
32) Benzoic acid	7.93	122	309976m	40.336	ng		
33) 4-Chloroaniline	8.25	127	655544	39.096	ng		98
34) Hexachlorobutadiene	8.33	225	345302	40.669	ng		98
35) Caprolactam	8.62	113	161230m	38.060	ng		
36) 4-Chloro-3-methylphenol	8.72	107	487464	39.667	ng		97
37) 2-Methylnaphthalene	8.89	142	993926	39.380	ng		99
38) 1-Methylnaphthalene	8.99	142	954645	39.382	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	530143	40.682	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	255076	40.336	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	355437	40.852	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	365220	40.917	ng	#	90
46) 1,1'-Biphenyl	9.36	154	1345211	40.183	ng		96
47) 2-Chloronaphthalene	9.38	162	1063144	40.083	ng		94
48) 2-Nitroaniline	9.47	65	300778	43.590	ng		92
49) Acenaphthylene	9.79	152	1553667	40.119	ng		96
50) Dimethylphthalate	9.65	163	1146956	39.549	ng		99
51) 2,6-Dinitrotoluene	9.71	165	250807	43.372	ng		96
52) Acenaphthene	9.97	154	955506	40.005	ng		98
53) 3-Nitroaniline	9.87	138	274514	44.512	ng		99
54) 2,4-Dinitrophenol	9.97	184	67276	40.248	ng	#	1
55) Dibenzofuran	10.14	168	1441221	39.940	ng		95
56) 4-Nitrophenol	10.02	139	207335	44.053	ng		90
57) 2,4-Dinitrotoluene	10.11	165	304990	43.883	ng	#	100
58) Fluorene	10.48	166	1015810	39.066	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307930	40.994	ng		89
60) Diethylphthalate	10.35	149	1133833	39.857	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	564018	39.261	ng		97
62) 4-Nitroaniline	10.49	138	252773	42.171	ng		91
63) Azobenzene	10.63	77	1141413	39.966	ng		95
65) 4,6-Dinitro-2-methylphenol	10.52	198	124099	41.401	ng		88
66) n-Nitrosodiphenylamine	10.59	169	1001420	40.070	ng		97
67) 4-Bromophenyl-phenylether	10.96	248	366731	39.714	ng	#	89
68) Hexachlorobenzene	11.03	284	411975	40.013	ng		98
69) Atrazine	11.11	200	338949	39.040	ng		96
70) Pentachlorophenol	11.22	266	261675	41.111	ng		95
71) Phenanthrene	11.44	178	1565002	39.636	ng		96
72) Anthracene	11.49	178	1567921	39.562	ng		96
73) Carbazole	11.64	167	1516661	39.417	ng		96
74) Di-n-butylphthalate	11.97	149	1698753	39.377	ng		97
75) Fluoranthene	12.62	202	1569975	39.266	ng		98
77) Benzidine	12.74	184	825262	41.069	ng		97
78) Pyrene	12.85	202	1587894	42.108	ng		97
80) Butylbenzylphthalate	13.47	149	645893	42.018	ng		93
81) Benzo(a)anthracene	14.03	228	1230258	40.369	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	487169	40.459	ng	#	95
83) Chrysene	14.07	228	1191243	39.771	ng		98
84) Bis(2-ethylhexyl)phthalate	14.03	149	780315	40.301	ng	#	99
85) Di-n-octyl phthalate	14.64	149	1158962	38.633	ng		96
86) Indeno(1,2,3-cd)pyrene	17.00	276	1046035	41.081	ng	#	90
88) Benzo(b)fluoranthene	15.09	252	1046510	40.470	ng	#	97
89) Benzo(k)fluoranthene	15.12	252	967775m	39.311	ng		
90) Benzo(a)pyrene	15.46	252	945698	40.255	ng	#	95
91) Dibenzo(a,h)anthracene	17.02	278	885644	43.050	ng	#	92
92) Benzo(g,h,i)perylene	17.44	276	869194	43.269	ng	#	89

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

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