Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106578.D
Acq On : 19 Jun 2018 13:04
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:15 PM

Quant Time: Jun 19 13:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 12:10:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115776	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	467143	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	224532	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	442694	20.00	ng		0.00
75) Chrysene-d12	14.16	240	338006	20.00	ng		0.00
86) Perylene-d12	15.69	264	279577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	906512	132.52	ng		0.00
7) Phenol-d6	6.62	99	1145368	132.53	ng		0.01
23) Nitrobenzene-d5	7.54	82	1189244	149.76	ng		0.01
41) 2,4,6-Tribromophenol	10.81	330	371363	171.90	ng		0.00
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.09	244	1849218	135.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	265876	75.102	ng		97
3) Pyridine	3.62	79	733090	74.308	ng		98
4) n-Nitrosodimethylamine	3.60	42	312878	69.228	ng		90
6) Aniline	6.64	93	806631	63.918	ng		95
8) 2-Chlorophenol	6.77	128	511651	69.554	ng		99
9) Benzaldehyde	6.52	77	316050	48.213	ng		98
10) Phenol	6.63	94	654615	69.383	ng	#	72
11) bis(2-Chloroethyl)ether	6.71	93	584789	72.404	ng		99
12) 1,3-Dichlorobenzene	6.91	146	616022	71.152	ng		99
13) 1,4-Dichlorobenzene	6.98	146	613197	69.794	ng		99
14) 1,2-Dichlorobenzene	7.14	146	534671	64.646	ng		97
15) Benzyl Alcohol	7.11	79	447063	60.404	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	728772	62.945	ng		81
17) 2-Methylphenol	7.23	107	494770	75.386	ng	#	91
18) Hexachloroethane	7.48	117	222876	71.194	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	381001	58.762	ng		94
20) 3+4-Methylphenols	7.38	107	438858	52.287	ng	#	72
22) Acetophenone	7.38	105	690926	58.690	ng	#	93
24) Nitrobenzene	7.56	77	595011	68.940	ng		99
25) Isophorone	7.80	82	1135455	73.207	ng		99
26) 2-Nitrophenol	7.87	139	311230	92.903	ng		97
27) 2,4-Dimethylphenol	7.91	122	477268	72.686	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	708917	70.490	ng		98
29) 2,4-Dichlorophenol	8.12	162	469375	74.097	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	501731	70.639	ng		96
31) Naphthalene	8.28	128	1416627	67.084	ng		97
32) Benzoic acid	8.07	122	390515m	89.595	ng		
33) 4-Chloroaniline	8.32	127	666971	71.270	ng		98
34) Hexachlorobutadiene	8.38	225	328269	71.940	ng		99
35) Caprolactam	8.73	113	165237m	77.118	ng		
36) 4-Chloro-3-methylphenol	8.82	107	500781	71.467	ng		97
37) 2-Methylnaphthalene	8.97	142	955895	66.460	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	513552	70.456	ng		96
40) Hexachlorocyclopentadiene	9.11	237	320048	79.584	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	365021	78.582	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	381017	76.088	ng		95
45) 1,1'-Biphenyl	9.43	154	1157412	66.552	ng		97
46) 2-Chloronaphthalene	9.46	162	950050	68.263	ng		98
47) 2-Nitroaniline	9.56	65	346855	79.223	ng		97
48) Acenaphthylene	9.88	152	1428084	67.038	ng		96
49) Dimethylphthalate	9.74	163	1235586	77.024	ng		99
50) 2,6-Dinitrotoluene	9.80	165	263821	80.513	ng		96
51) Acenaphthene	10.05	154	882336	64.136	ng		99
52) 3-Nitroaniline	9.98	138	308169	79.239	ng		98
53) 2,4-Dinitrophenol	10.08	184	148576	122.659	ng	#	17
54) Dibenzofuran	10.22	168	1230421	66.418	ng		94
55) 4-Nitrophenol	10.15	139	227027	76.158	ng		97
56) 2,4-Dinitrotoluene	10.21	165	339357	82.472	ng	#	97
58) 2,3,4,6-Tetrachlorophenol	10.34	232	311829	78.568	ng	#	82
59) Diethylphthalate	10.43	149	1106403	69.488	ng	#	93
60) 4-Chlorophenyl-phenylether	10.55	204	510213	66.091	ng		92
61) 4-Nitroaniline	10.60	138	308553	81.544	ng		99
62) Azobenzene	10.71	77	1038051	62.524	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	222348	102.771	ng		82
65) n-Nitrosodiphenylamine	10.68	169	992093	66.681	ng		97
66) 4-Bromophenyl-phenylether	11.04	248	377893	75.051	ng	#	85
67) Hexachlorobenzene	11.11	284	404427	77.910	ng	#	82
68) Atrazine	11.20	200	336846	73.466	ng		97
69) Pentachlorophenol	11.31	266	235404	73.658	ng		99
70) Phenanthrene	11.53	178	1419084	65.455	ng		96
71) Anthracene	11.58	178	1439373	66.270	ng		96
72) Carbazole	11.74	167	1323632	66.010	ng		97
73) Di-n-butylphthalate	12.05	149	1543009	69.140	ng		98
74) Fluoranthene	12.72	202	1557169	67.349	ng		96
76) Benzidine	12.84	184	627146m	55.750	ng		
77) Pyrene	12.95	202	1597247	75.480	ng		95
79) Butylbenzylphthalate	13.56	149	701187	88.521	ng	#	93
80) Benzo(a)anthracene	14.15	228	1464571	72.812	ng		96
82) Chrysene	14.19	228	1308011	71.225	ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	802533	70.661	ng	#	99
84) Di-n-octyl phthalate	14.75	149	1369752	83.656	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	1280754	87.384	ng	#	92
87) Benzo(b)fluoranthene	15.24	252	1256514	74.349	ng		96
88) Benzo(k)fluoranthene	15.28	252	1206361	72.076	ng	#	95
89) Benzo(a)pyrene	15.64	252	1160324	76.332	ng		96
90) Dibenzo(a,h)anthracene	17.29	278	1045503	82.498	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	1076453	87.403	ng	#	93

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

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