Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101518\
Data File : BF109884.D
Acq On : 15 Oct 2018 17:32
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
10/16/2018 9:57:23 AM

Quant Time: Oct 15 18:08:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 15 16:50:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	230390	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	949085	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	434604	20.00	ng		0.00
64) Phenanthrene-d10	11.51	188	783312	20.00	ng		0.00
76) Chrysene-d12	14.16	240	459862	20.00	ng		0.00
87) Perylene-d12	15.67	264	387545	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	2068730	159.38	ng		0.00
7) Phenol-d6	6.60	99	2573912	148.45	ng		0.01
23) Nitrobenzene-d5	7.55	82	2268670	131.77	ng		0.00
42) 2,4,6-Tribromophenol	10.82	330	564544	119.22	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	13.10	244	3172235	133.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	629189	92.365	ng		91
3) Pyridine	3.61	79	1449430	103.135	ng		88
4) n-Nitrosodimethylamine	3.59	42	599367	118.157	ng	#	100
6) Aniline	6.65	93	1858965	92.035	ng	#	54
8) 2-Chlorophenol	6.77	128	1158425	72.570	ng		98
10) Phenol	6.62	94	1392724	70.048	ng	#	66
11) bis(2-Chloroethyl)ether	6.72	93	1183753	71.814	ng		94
12) 1,3-Dichlorobenzene	6.92	146	1280105	70.113	ng		98
13) 1,4-Dichlorobenzene	7.00	146	1271461	63.886	ng		97
14) 1,2-Dichlorobenzene	7.16	146	1136243	65.009	ng		99
15) Benzyl Alcohol	7.12	79	1017545	79.159	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1955547	89.471	ng		68
17) 2-Methylphenol	7.22	107	974205	77.174	ng	#	81
18) Hexachloroethane	7.49	117	476031	67.669	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	839741	69.061	ng		98
20) 3+4-Methylphenols	7.38	107	1145028	73.612	ng		96
22) Acetophenone	7.39	105	1483939	64.658	ng	#	95
24) Nitrobenzene	7.57	77	1202173	67.101	ng		95
25) Isophorone	7.80	82	2087412	73.010	ng		97
26) 2-Nitrophenol	7.88	139	568270	67.812	ng		92
27) 2,4-Dimethylphenol	7.91	122	987041	81.565	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	1368836	70.782	ng		99
29) 2,4-Dichlorophenol	8.12	162	976825	71.965	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	1031905	68.674	ng		96
31) Naphthalene	8.29	128	2950830	67.228	ng		97
32) Benzoic acid	8.05	122	716891m	82.859	ng		
33) 4-Chloroaniline	8.33	127	1390551	71.941	ng		99
34) Hexachlorobutadiene	8.40	225	570092	61.020	ng		98
35) Caprolactam	8.73	113	385911m	95.201	ng		
36) 4-Chloro-3-methylphenol	8.81	107	1003852	70.062	ng		93
37) 2-Methylnaphthalene	8.98	142	1930832	67.156	ng		98
38) 1-Methylnaphthalene	9.08	142	1843871	64.509	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.15	216	925198	62.539	ng		99
41) Hexachlorocyclopentadiene	9.13	237	521079	96.520	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.25	196	648856	73.368	ng		95
44) 2,4,5-Trichlorophenol	9.29	196	656620	64.574	ng		94
46) 1,1'-Biphenyl	9.45	154	2552140	65.734	ng		95
47) 2-Chloronaphthalene	9.47	162	1974174	67.870	ng		96
48) 2-Nitroaniline	9.56	65	627709	71.270	ng		97
49) Acenaphthylene	9.89	152	2820430	66.510	ng		94
50) Dimethylphthalate	9.75	163	2189672	68.698	ng		99
51) 2,6-Dinitrotoluene	9.81	165	495825	71.763	ng		89
52) Acenaphthene	10.06	154	1831347	72.851	ng		98
53) 3-Nitroaniline	9.98	138	583728	75.369	ng		91
54) 2,4-Dinitrophenol	10.07	184	153034	68.651	ng		90
55) Dibenzofuran	10.23	168	2555942	67.830	ng		99
56) 4-Nitrophenol	10.12	139	452699	106.785	ng		96
57) 2,4-Dinitrotoluene	10.21	165	610998	70.862	ng		94
58) Fluorene	10.57	166	1798839	63.925	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	525887	63.621	ng		95
60) Diethylphthalate	10.45	149	2119344	67.107	ng		97
61) 4-Chlorophenyl-phenylether	10.56	204	940356	63.343	ng		99
62) 4-Nitroaniline	10.60	138	553923	77.228	ng		93
63) Azobenzene	10.73	77	2156399	67.240	ng		92
65) 4,6-Dinitro-2-methylphenol	10.62	198	249461	65.431	ng		97
66) n-Nitrosodiphenylamine	10.69	169	1826143	68.770	ng		96
67) 4-Bromophenyl-phenylether	11.06	248	609596	67.730	ng		95
68) Hexachlorobenzene	11.12	284	642040	65.877	ng		95
69) Atrazine	11.21	200	576152	69.523	ng		99
70) Pentachlorophenol	11.31	266	428614	78.155	ng		97
71) Phenanthrene	11.54	178	2716314	69.294	ng		96
72) Anthracene	11.59	178	2752892	67.936	ng		98
73) Carbazole	11.75	167	2659863	67.679	ng		97
74) Di-n-butylphthalate	12.06	149	2917312	64.000	ng		98
75) Fluoranthene	12.73	202	2627170	64.153	ng		95
77) Benzidine	12.85	184	1173249	68.680	ng		97
78) Pyrene	12.96	202	2666756	79.150	ng		98
80) Butylbenzylphthalate	13.57	149	1128226	77.236	ng		97
81) Benzo(a)anthracene	14.14	228	2026154	79.842	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	660634	64.652	ng		99
83) Chrysene	14.19	228	1883953	70.678	ng		98
84) Bis(2-ethylhexyl)phthalate	14.12	149	1398998	78.500	ng	#	94
85) Di-n-octyl phthalate	14.74	149	2003021	71.105	ng		97
86) Indeno(1,2,3-cd)pyrene	17.23	276	2012760	105.495	ng	#	93
88) Benzo(b)fluoranthene	15.22	252	1608670	75.114	ng		97
89) Benzo(k)fluoranthene	15.25	252	1605896	74.629	ng	#	95
90) Benzo(a)pyrene	15.61	252	1551439	79.828	ng	#	97
91) Dibenzo(a,h)anthracene	17.26	278	1633999	102.372	ng		98
92) Benzo(g,h,i)perylene	17.72	276	1756748	110.218	ng	#	93

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

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