Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061918\
Data File : BF106577.D
Acq On : 19 Jun 2018 12:37
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
6/20/2018 4:58:12 PM

Quant Time: Jun 19 13:05:48 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	113454	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	450646	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	216030	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	426742	20.00	ng		0.00
75) Chrysene-d12	14.15	240	332141	20.00	ng		0.00
86) Perylene-d12	15.69	264	267210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	727326	108.50	ng		0.00
7) Phenol-d6	6.61	99	906751	107.07	ng		0.00
23) Nitrobenzene-d5	7.54	82	916611	119.66	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	288367	138.73	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1428653	112.76	ng		0.00
78) Terphenyl-d14	13.09	244	1513336	113.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	202057	58.243	ng		97
3) Pyridine	3.61	79	550204	56.911	ng		99
4) n-Nitrosodimethylamine	3.59	42	237145	53.545	ng	#	87
6) Aniline	6.64	93	633720	51.244	ng		98
8) 2-Chlorophenol	6.76	128	409526	56.811	ng		100
9) Benzaldehyde	6.52	77	289518	45.069	ng		99
10) Phenol	6.62	94	513977	55.592	ng	#	71
11) bis(2-Chloroethyl)ether	6.70	93	451798	57.083	ng		99
12) 1,3-Dichlorobenzene	6.91	146	484706	57.130	ng		99
13) 1,4-Dichlorobenzene	6.98	146	482675	56.062	ng		98
14) 1,2-Dichlorobenzene	7.14	146	435697	53.757	ng		99
15) Benzyl Alcohol	7.11	79	368731	50.840	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	574676	50.652	ng		83
17) 2-Methylphenol	7.22	107	360805	56.099	ng	#	93
18) Hexachloroethane	7.48	117	173266	56.480	ng		90
19) n-Nitroso-di-n-propylamine	7.38	70	288913	45.471	ng		94
20) 3+4-Methylphenols	7.38	107	365518	44.441	ng	#	69
22) Acetophenone	7.38	105	554953	48.866	ng	#	92
24) Nitrobenzene	7.55	77	467648	56.167	ng		99
25) Isophorone	7.79	82	835426	55.835	ng		98
26) 2-Nitrophenol	7.87	139	238003	73.646	ng		97
27) 2,4-Dimethylphenol	7.90	122	347105	54.798	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	549002	56.587	ng		99
29) 2,4-Dichlorophenol	8.11	162	366138	59.915	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	392815	57.329	ng		95
31) Naphthalene	8.27	128	1147756	56.341	ng		98
32) Benzoic acid	8.04	122	273246m	64.985	ng		
33) 4-Chloroaniline	8.32	127	499079	55.282	ng		97
34) Hexachlorobutadiene	8.38	225	261685	59.447	ng		98
35) Caprolactam	8.71	113	124888m	60.420	ng		
36) 4-Chloro-3-methylphenol	8.81	107	380812	56.336	ng		99
37) 2-Methylnaphthalene	8.96	142	768374	55.378	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	405049	57.757	ng		97
40) Hexachlorocyclopentadiene	9.11	237	235211	60.790	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	281647	63.020	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	295780	61.391	ng	#	91
45) 1,1'-Biphenyl	9.43	154	920827	55.032	ng		98
46) 2-Chloronaphthalene	9.45	162	747478	55.822	ng		99
47) 2-Nitroaniline	9.55	65	263447	62.541	ng		94
48) Acenaphthylene	9.87	152	1146033	55.915	ng		97
49) Dimethylphthalate	9.73	163	906438	58.729	ng		99
50) 2,6-Dinitrotoluene	9.80	165	199961	63.426	ng		98
51) Acenaphthene	10.05	154	745508	56.323	ng		99
52) 3-Nitroaniline	9.97	138	232823	62.221	ng		97
53) 2,4-Dinitrophenol	10.07	184	105413	90.450	ng	#	14
54) Dibenzofuran	10.22	168	990572	55.575	ng		96
55) 4-Nitrophenol	10.14	139	169463	59.085	ng		93
56) 2,4-Dinitrotoluene	10.20	165	267883	67.664	ng	#	93
57) Fluorene	10.56	166	771471	54.630	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	235902	61.777	ng	#	83
59) Diethylphthalate	10.42	149	856689	55.922	ng		94
60) 4-Chlorophenyl-phenylether	10.55	204	412986	55.602	ng		90
61) 4-Nitroaniline	10.59	138	234301	64.358	ng		99
62) Azobenzene	10.71	77	830245	51.976	ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	166733	79.946	ng	#	74
65) n-Nitrosodiphenylamine	10.67	169	770242	53.705	ng		96
66) 4-Bromophenyl-phenylether	11.04	248	288256	59.389	ng	#	79
67) Hexachlorobenzene	11.11	284	305212	60.994	ng	#	85
68) Atrazine	11.20	200	257014	58.150	ng		96
69) Pentachlorophenol	11.30	266	174414	56.614	ng		98
70) Phenanthrene	11.53	178	1121337	53.655	ng		98
71) Anthracene	11.58	178	1148941	54.876	ng		98
72) Carbazole	11.74	167	1051593	54.404	ng		98
73) Di-n-butylphthalate	12.05	149	1236517	57.478	ng		98
74) Fluoranthene	12.72	202	1237006	55.501	ng		97
76) Benzidine	12.84	184	520481	47.085	ng		96
77) Pyrene	12.95	202	1263810	60.777	ng		97
79) Butylbenzylphthalate	13.55	149	539873	69.359	ng	#	98
80) Benzo(a)anthracene	14.14	228	1134715	57.409	ng		97
81) 3,3'-Dichlorobenzidine	14.10	252	363413	54.494	ng	#	96
82) Chrysene	14.18	228	1037472	57.491	ng		97
83) Bis(2-ethylhexyl)phthalate	14.11	149	650563	58.292	ng	#	98
84) Di-n-octyl phthalate	14.74	149	1064763	66.177	ng		98
85) Indeno(1,2,3-cd)pyrene	17.27	276	923931	64.152	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	993784	61.525	ng		97
88) Benzo(k)fluoranthene	15.27	252	879096	54.954	ng	#	97
89) Benzo(a)pyrene	15.63	252	854646	58.825	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	765146	63.170	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	781915	66.426	ng	#	92

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

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