Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108634.D
Acq On : 30 Aug 2018 11:40
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
8/31/2018 12:17:52 PM

Quant Time: Aug 30 14:56:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 12:33:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	129110	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	542512	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	285378	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	614976	20.00	ng		0.00
75) Chrysene-d12	14.20	240	495974	20.00	ng		0.00
86) Perylene-d12	15.75	264	361765	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	337723	47.36	ng		0.01
7) Phenol-d6	6.65	99	517167	54.57	ng		0.00
23) Nitrobenzene-d5	7.57	82	538398	55.38	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	190724	67.00	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1080371	60.78	ng		0.00
78) Terphenyl-d14	13.12	244	1257307	64.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	84215m	22.982	ng		
3) Pyridine	3.71	79	206260m	21.851	ng		
4) n-Nitrosodimethylamine	3.67	42	89596m	16.868	ng		
6) Aniline	6.68	93	282029	21.879	ng	#	64
8) 2-Chlorophenol	6.80	128	228854	28.493	ng		93
9) Benzaldehyde	6.57	77	176516m	24.024	ng		
10) Phenol	6.66	94	304727	31.087	ng		85
11) bis(2-Chloroethyl)ether	6.74	93	260556	32.878	ng		99
12) 1,3-Dichlorobenzene	6.94	146	258796	27.867	ng		99
13) 1,4-Dichlorobenzene	7.02	146	284704	30.512	ng		98
14) 1,2-Dichlorobenzene	7.17	146	265287	30.566	ng		98
15) Benzyl Alcohol	7.15	79	186672	23.399	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.27	45	420190	25.738	ng		62
17) 2-Methylphenol	7.26	107	180765	26.244	ng	#	75
18) Hexachloroethane	7.51	117	97817	29.446	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	181013	28.246	ng		91
20) 3+4-Methylphenols	7.42	107	238775	27.052	ng	#	44
22) Acetophenone	7.41	105	338378	26.675	ng	#	89
24) Nitrobenzene	7.59	77	273017	27.770	ng		96
25) Isophorone	7.81	82	447499	24.149	ng		95
26) 2-Nitrophenol	7.90	139	126493	34.070	ng		90
27) 2,4-Dimethylphenol	7.94	122	170756	20.762	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	277913	25.690	ng		99
29) 2,4-Dichlorophenol	8.15	162	209665	27.701	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	237419	28.451	ng		98
31) Naphthalene	8.31	128	645627m	26.168	ng		
32) Benzoic acid	8.07	122	111828m	25.640	ng		
33) 4-Chloroaniline	8.37	127	289356	26.912	ng		98
34) Hexachlorobutadiene	8.41	225	154865	29.315	ng		98
35) Caprolactam	8.73	113	57736	24.342	ng	#	84
36) 4-Chloro-3-methylphenol	8.85	107	227236	27.830	ng		98
37) 2-Methylnaphthalene	9.00	142	442900	25.372	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	254297	29.017	ng		97
40) Hexachlorocyclopentadiene	9.14	237	77185	13.636	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	154322	28.377	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	172883	28.878	ng		94
45) 1,1'-Biphenyl	9.46	154	628316	29.862	ng		97
46) 2-Chloronaphthalene	9.49	162	488485	29.374	ng		99
47) 2-Nitroaniline	9.60	65	163532	30.392	ng		92
48) Acenaphthylene	9.91	152	724928	27.573	ng		99
49) Dimethylphthalate	9.76	163	565519	28.448	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	126239	30.353	ng		91
51) Acenaphthene	10.08	154	419463	26.049	ng		100
52) 3-Nitroaniline	10.02	138	135196	29.710	ng		94
53) 2,4-Dinitrophenol	10.12	184	39010	29.844	ng	#	36
54) Dibenzofuran	10.25	168	679586	29.130	ng		98
55) 4-Nitrophenol	10.20	139	67175m	19.494	ng		
56) 2,4-Dinitrotoluene	10.24	165	170943	31.931	ng	#	93
57) Fluorene	10.60	166	520123	28.163	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	156691	31.315	ng	#	82
59) Diethylphthalate	10.45	149	569276	29.574	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	294071	30.558	ng		90
61) 4-Nitroaniline	10.64	138	131464	29.221	ng		91
62) Azobenzene	10.74	77	561012	28.221	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	63672	30.039	ng		88
65) n-Nitrosodiphenylamine	10.71	169	513794	28.272	ng		95
66) 4-Bromophenyl-phenylether	11.08	248	189635	28.375	ng	#	86
67) Hexachlorobenzene	11.14	284	202890	28.853	ng	#	88
68) Atrazine	11.23	200	163428	26.812	ng		93
69) Pentachlorophenol	11.35	266	112252	33.352	ng		98
70) Phenanthrene	11.57	178	785270	27.072	ng		99
71) Anthracene	11.62	178	820412	27.596	ng		99
72) Carbazole	11.78	167	798895	30.245	ng		99
73) Di-n-butylphthalate	12.08	149	914916	30.580	ng		99
74) Fluoranthene	12.76	202	884751	27.948	ng		96
76) Benzidine	12.90	184	344440m	18.587	ng		
77) Pyrene	13.00	202	905495	28.837	ng		99
79) Butylbenzylphthalate	13.59	149	385748	30.938	ng		98
80) Benzo(a)anthracene	14.19	228	745630	26.196	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	290547	28.483	ng	#	98
82) Chrysene	14.22	228	719159	27.559	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	486865	28.835	ng		100
84) Di-n-octyl phthalate	14.76	149	721598	28.022	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	436076	19.286	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	557633	25.796	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	554359	27.898	ng	#	95
89) Benzo(a)pyrene	15.69	252	492039	25.419	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	367053	22.917	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	354303	22.465	ng	#	89

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

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