Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062118\
Data File : BF106651.D
Acq On : 21 Jun 2018 10:27
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/22/2018 10:22:54 AM

Quant Time: Jun 21 14:09:32 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 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	101858	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	405036	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	211711	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	411622	20.00	ng		0.00
75) Chrysene-d12	14.15	240	329165	20.00	ng		0.00
86) Perylene-d12	15.69	264	261788	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	444399	73.88	ng		0.00
7) Phenol-d6	6.61	99	550208	73.24	ng		0.00
23) Nitrobenzene-d5	7.53	82	541554	74.30	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	194028	79.07	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	939147	73.00	ng		0.00
78) Terphenyl-d14	13.08	244	1099319	80.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	112479	36.371	ng		97
3) Pyridine	3.61	79	300216	35.795	ng		98
4) n-Nitrosodimethylamine	3.58	42	126959	35.640	ng		85
6) Aniline	6.63	93	364624	35.783	ng	#	85
8) 2-Chlorophenol	6.76	128	247634	37.534	ng		98
9) Benzaldehyde	6.52	77	187613	35.781	ng		98
10) Phenol	6.62	94	306098	35.705	ng	#	67
11) bis(2-Chloroethyl)ether	6.70	93	264151	37.323	ng		97
12) 1,3-Dichlorobenzene	6.91	146	293005	37.918	ng		98
13) 1,4-Dichlorobenzene	6.98	146	296235	37.919	ng		97
14) 1,2-Dichlorobenzene	7.14	146	272126	38.008	ng		97
15) Benzyl Alcohol	7.11	79	221955	36.797	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	337131	36.306	ng		50
17) 2-Methylphenol	7.22	107	212443	37.626	ng	#	94
18) Hexachloroethane	7.47	117	104011	37.859	ng		90
19) n-Nitroso-di-n-propylamine	7.38	70	176631	35.671	ng		93
20) 3+4-Methylphenols	7.38	107	241005	37.820	ng	#	71
22) Acetophenone	7.37	105	340731	37.601	ng	#	95
24) Nitrobenzene	7.55	77	274869	36.940	ng		98
25) Isophorone	7.78	82	464502	36.168	ng		98
26) 2-Nitrophenol	7.86	139	137653	39.187	ng		97
27) 2,4-Dimethylphenol	7.90	122	204895	37.738	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	323588	37.526	ng		99
29) 2,4-Dichlorophenol	8.11	162	221065	38.891	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	256477	40.959	ng		98
31) Naphthalene	8.27	128	707032	37.337	ng		99
32) Benzoic acid	8.02	122	120661m	32.636	ng		
33) 4-Chloroaniline	8.32	127	297796	37.479	ng		99
34) Hexachlorobutadiene	8.38	225	171806	42.107	ng		99
35) Caprolactam	8.70	113	68171	36.792	ng		98
36) 4-Chloro-3-methylphenol	8.81	107	224211	37.475	ng		97
37) 2-Methylnaphthalene	8.96	142	500880	39.905	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	274852	38.550	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	137873	37.586	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	164128	34.631	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	175748	35.538	ng		92
45) 1,1'-Biphenyl	9.42	154	623414	36.949	ng		99
46) 2-Chloronaphthalene	9.45	162	454089	34.191	ng		96
47) 2-Nitroaniline	9.55	65	149668	33.513	ng		100
48) Acenaphthylene	9.87	152	718586	34.271	ng		98
49) Dimethylphthalate	9.72	163	547475	34.479	ng		98
50) 2,6-Dinitrotoluene	9.79	165	127550	37.935	ng		93
51) Acenaphthene	10.04	154	457333	34.637	ng		99
52) 3-Nitroaniline	9.97	138	133295	34.451	ng		98
53) 2,4-Dinitrophenol	10.07	184	52270	33.252	ng	#	14
54) Dibenzofuran	10.21	168	674041	37.281	ng		99
55) 4-Nitrophenol	10.14	139	86014m	31.848	ng		
56) 2,4-Dinitrotoluene	10.20	165	166934	38.036	ng		90
57) Fluorene	10.56	166	525260	36.611	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	146040	37.150	ng	#	81
59) Diethylphthalate	10.42	149	521712	34.042	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	281051	37.440	ng		89
61) 4-Nitroaniline	10.58	138	132450	34.493	ng		96
62) Azobenzene	10.71	77	499702	33.111	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	96767	38.031	ng		78
65) n-Nitrosodiphenylamine	10.67	169	480566	34.710	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	192606	39.207	ng	#	81
67) Hexachlorobenzene	11.11	284	200073	38.913	ng	#	82
68) Atrazine	11.19	200	171425	38.948	ng		95
69) Pentachlorophenol	11.30	266	83854	32.686	ng		98
70) Phenanthrene	11.52	178	753966	37.977	ng		99
71) Anthracene	11.58	178	771925	38.093	ng		99
72) Carbazole	11.73	167	693874	36.573	ng		99
73) Di-n-butylphthalate	12.05	149	794158	35.531	ng		99
74) Fluoranthene	12.72	202	812757	37.142	ng		96
76) Benzidine	12.84	184	365514	38.990	ng		99
77) Pyrene	12.95	202	846404	38.994	ng		99
79) Butylbenzylphthalate	13.55	149	322642	36.152	ng	#	92
80) Benzo(a)anthracene	14.14	228	731285	36.452	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	252224	35.772	ng	#	95
82) Chrysene	14.18	228	673267	36.478	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	406883	35.661	ng	#	96
84) Di-n-octyl phthalate	14.74	149	648204	34.853	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	574105	36.654	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	612722	37.678	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	569954	36.804	ng	#	96
89) Benzo(a)pyrene	15.63	252	540502	37.388	ng	#	97
90) Dibenzo(a,h)anthracene	17.28	278	488592	39.879	ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	482491	40.291	ng	#	90

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

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