Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113121.D
Acq On : 19 Mar 2019 5:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/20/2019 6:46:27 PM

Quant Time: Mar 20 06:01:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	119819	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	447278	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	201903	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	371940	20.00	ng		0.00
76) Chrysene-d12	13.87	240	331275	20.00	ng		0.00
87) Perylene-d12	15.28	264	295389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	612876	79.57	ng		0.00
7) Phenol-d6	6.38	99	672114	69.46	ng		0.00
23) Nitrobenzene-d5	7.29	82	619620	82.89	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	184277	85.97	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1127739	95.71	ng		0.00
79) Terphenyl-d14	12.82	244	1202099	70.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	135432	35.076	ng		98
3) Pyridine	3.07	79	390427	37.796	ng		99
4) n-Nitrosodimethylamine	3.01	42	166567m	36.861	ng		
6) Aniline	6.39	93	417620	31.356	ng	#	36
8) 2-Chlorophenol	6.52	128	314395	36.666	ng		91
9) Benzaldehyde	6.27	77	212147	30.429	ng		100
10) Phenol	6.39	94	378106	33.487	ng	#	68
11) bis(2-Chloroethyl)ether	6.47	93	298749	34.472	ng		94
12) 1,3-Dichlorobenzene	6.67	146	347295	39.209	ng		96
13) 1,4-Dichlorobenzene	6.75	146	346015	38.953	ng		99
14) 1,2-Dichlorobenzene	6.90	146	319014	39.176	ng		99
15) Benzyl Alcohol	6.87	79	252311	34.197	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	475743	32.894	ng		85
17) 2-Methylphenol	7.00	107	239568	34.440	ng		96
18) Hexachloroethane	7.25	117	98941	29.077	ng	#	87
19) n-Nitroso-di-n-propylamine	7.15	70	209501	34.187	ng		97
20) 3+4-Methylphenols	7.15	107	296852	37.800	ng	#	69
22) Acetophenone	7.14	105	439029	41.978	ng	#	91
24) Nitrobenzene	7.31	77	323588	38.895	ng		98
25) Isophorone	7.55	82	569047	35.337	ng		99
26) 2-Nitrophenol	7.63	139	102427	29.576	ng		95
27) 2,4-Dimethylphenol	7.67	122	239174	37.122	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	376872	37.432	ng		99
29) 2,4-Dichlorophenol	7.87	162	248273	39.736	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	283201	42.184	ng		98
31) Naphthalene	8.03	128	866813	39.035	ng		99
32) Benzoic acid	7.76	122	87832m	19.450	ng		
33) 4-Chloroaniline	8.09	127	353723	37.608	ng		98
34) Hexachlorobutadiene	8.16	225	178506	47.147	ng		98
35) Caprolactam	8.45	113	72761	33.064	ng		97
36) 4-Chloro-3-methylphenol	8.57	107	247924	35.855	ng		98
37) 2-Methylnaphthalene	8.73	142	560352	39.075	ng		99
38) 1-Methylnaphthalene	8.82	142	537036	38.659	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	273093	46.384	ng	#	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	7579	2.351	ng		96
43) 2,4,6-Trichlorophenol	9.01	196	155396	38.350	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	168335	38.434	ng		99
46) 1,1'-Biphenyl	9.19	154	697426	42.350	ng		99
47) 2-Chloronaphthalene	9.21	162	506188	39.364	ng		99
48) 2-Nitroaniline	9.31	65	162494	41.574	ng		89
49) Acenaphthylene	9.62	152	829115	37.980	ng		99
50) Dimethylphthalate	9.49	163	624759	41.966	ng		99
51) 2,6-Dinitrotoluene	9.55	165	121241	39.108	ng		89
52) Acenaphthene	9.80	154	464247	36.365	ng		99
53) 3-Nitroaniline	9.72	138	153721	40.693	ng		96
54) 2,4-Dinitrophenol	9.84	184	390	6.736	ng	#	46
55) Dibenzofuran	9.97	168	710595	38.298	ng		96
56) 4-Nitrophenol	9.89	139	86331	28.120	ng		92
57) 2,4-Dinitrotoluene	9.95	165	144621	37.529	ng		87
58) Fluorene	10.31	166	515239	39.125	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	134252	36.791	ng		94
60) Diethylphthalate	10.18	149	618435	39.332	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	273822	44.690	ng		97
62) 4-Nitroaniline	10.32	138	152549	43.702	ng		99
63) Azobenzene	10.46	77	531482	33.001	ng		93
65) 4,6-Dinitro-2-methylphenol	10.36	198	1711	5.625	ng		93
66) n-Nitrosodiphenylamine	10.42	169	477226	40.007	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	170816	43.602	ng		97
68) Hexachlorobenzene	10.86	284	189684	42.952	ng	#	87
69) Atrazine	10.95	200	127043	34.775	ng		99
70) Pentachlorophenol	11.06	266	72663	27.955	ng		98
71) Phenanthrene	11.26	178	754200	40.756	ng		99
72) Anthracene	11.32	178	768698	39.682	ng		98
73) Carbazole	11.47	167	731118	38.690	ng		98
74) Di-n-butylphthalate	11.80	149	967920	42.718	ng		99
75) Fluoranthene	12.45	202	850530	42.899	ng		95
77) Benzidine	12.57	184	475527	27.668	ng		99
78) Pyrene	12.67	202	884691	31.678	ng		99
80) Butylbenzylphthalate	13.29	149	416099	33.754	ng		97
81) Benzo(a)anthracene	13.86	228	754462	32.860	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	335406	38.626	ng		97
83) Chrysene	13.90	228	771654	34.312	ng		98
84) Bis(2-ethylhexyl)phthalate	13.86	149	572275	39.579	ng		99
85) Di-n-octyl phthalate	14.46	149	1037871	41.802	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	697198	36.363	ng	#	94
88) Benzo(b)fluoranthene	14.88	252	728781	38.143	ng	#	96
89) Benzo(k)fluoranthene	14.91	252	654217	37.801	ng	#	96
90) Benzo(a)pyrene	15.22	252	633545	37.488	ng		97
91) Dibenzo(a,h)anthracene	16.66	278	581280	40.307	ng		97
92) Benzo(g,h,i)perylene	17.06	276	547274	37.793	ng		95

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

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