Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031819\
Data File : BF113084.D
Acq On : 18 Mar 2019 12:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
3/19/2019 5:09:34 PM

Quant Time: Mar 19 04:55:37 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	217608	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	838241	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	396134	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	779570	20.00	ng		0.00
76) Chrysene-d12	13.87	240	597909	20.00	ng		0.00
87) Perylene-d12	15.27	264	574940	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	925660	66.17	ng		0.00
7) Phenol-d6	6.38	99	1254480	71.39	ng		0.00
23) Nitrobenzene-d5	7.30	82	1168976	83.45	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	378988	90.12	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1979294	82.02	ng		0.00
79) Terphenyl-d14	12.82	244	2033243	65.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	256902	36.636	ng		98
3) Pyridine	3.11	79	520922	27.767	ng		99
4) n-Nitrosodimethylamine	3.05	42	244545	29.798	ng		98
6) Aniline	6.39	93	776229	32.091	ng	#	30
8) 2-Chlorophenol	6.52	128	586419	37.658	ng		93
9) Benzaldehyde	6.27	77	439531	34.713	ng		99
10) Phenol	6.39	94	699907	34.132	ng	#	70
11) bis(2-Chloroethyl)ether	6.47	93	557843	35.442	ng		96
12) 1,3-Dichlorobenzene	6.67	146	630130	39.171	ng		99
13) 1,4-Dichlorobenzene	6.75	146	633342	39.258	ng		99
14) 1,2-Dichlorobenzene	6.90	146	576547	38.985	ng		98
15) Benzyl Alcohol	6.87	79	474391	35.403	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	873020	33.237	ng		84
17) 2-Methylphenol	7.00	107	467501	37.006	ng		96
18) Hexachloroethane	7.24	117	233589	37.799	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	379934	34.138	ng		99
20) 3+4-Methylphenols	7.15	107	546013	38.283	ng	#	75
22) Acetophenone	7.14	105	803815	41.010	ng	#	91
24) Nitrobenzene	7.32	77	618035	39.639	ng		97
25) Isophorone	7.56	82	1083383	35.898	ng		98
26) 2-Nitrophenol	7.63	139	325647	50.174	ng		96
27) 2,4-Dimethylphenol	7.67	122	456706	37.823	ng		100
28) bis(2-Chloroethoxy)methane	7.76	93	699131	37.053	ng		99
29) 2,4-Dichlorophenol	7.87	162	494005	42.189	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	526954	41.883	ng		99
31) Naphthalene	8.03	128	1611149	38.714	ng		100
32) Benzoic acid	7.82	122	351988	41.591	ng		92
33) 4-Chloroaniline	8.08	127	698954	39.653	ng		98
34) Hexachlorobutadiene	8.16	225	318940	44.949	ng		99
35) Caprolactam	8.47	113	165756m	40.192	ng		
36) 4-Chloro-3-methylphenol	8.57	107	509770	39.338	ng		100
37) 2-Methylnaphthalene	8.72	142	1048216	39.003	ng		99
38) 1-Methylnaphthalene	8.82	142	1006565	38.663	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	504823	43.701	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	216016	34.149	ng		100
43) 2,4,6-Trichlorophenol	9.00	196	339302	42.678	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	365911	42.582	ng		99
46) 1,1'-Biphenyl	9.19	154	1313439	40.650	ng		99
47) 2-Chloronaphthalene	9.21	162	999350	39.610	ng		100
48) 2-Nitroaniline	9.31	65	328336	42.815	ng		92
49) Acenaphthylene	9.63	152	1615014	37.707	ng		99
50) Dimethylphthalate	9.49	163	1168470	40.004	ng		99
51) 2,6-Dinitrotoluene	9.55	165	260958	42.903	ng	#	83
52) Acenaphthene	9.80	154	904574	36.115	ng		99
53) 3-Nitroaniline	9.72	138	314241	42.399	ng		95
54) 2,4-Dinitrophenol	9.83	184	106985	45.985	ng		97
55) Dibenzofuran	9.97	168	1364614	37.486	ng		97
56) 4-Nitrophenol	9.89	139	228267	37.896	ng		94
57) 2,4-Dinitrotoluene	9.96	165	343547	45.439	ng	#	83
58) Fluorene	10.31	166	1021456	39.534	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	303600	42.406	ng		93
60) Diethylphthalate	10.19	149	1104601	35.806	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	505384	42.041	ng		96
62) 4-Nitroaniline	10.33	138	319522	46.654	ng		98
63) Azobenzene	10.46	77	1080337	34.190	ng		93
65) 4,6-Dinitro-2-methylphenol	10.36	198	143629	45.143	ng		84
66) n-Nitrosodiphenylamine	10.42	169	930381	37.213	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	341516	41.591	ng		96
68) Hexachlorobenzene	10.86	284	394732	42.645	ng	#	87
69) Atrazine	10.95	200	272541	35.593	ng		98
70) Pentachlorophenol	11.06	266	220596	40.492	ng		98
71) Phenanthrene	11.26	178	1498821	38.643	ng		100
72) Anthracene	11.32	178	1546611	38.093	ng		100
73) Carbazole	11.47	167	1505419	38.009	ng		100
74) Di-n-butylphthalate	11.80	149	1671313	35.192	ng		99
75) Fluoranthene	12.45	202	1631415	39.259	ng		98
77) Benzidine	12.57	184	754912	24.336	ng		99
78) Pyrene	12.67	202	1656444	32.863	ng		99
80) Butylbenzylphthalate	13.29	149	721296	32.419	ng		95
81) Benzo(a)anthracene	13.86	228	1353352	32.659	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	586748	37.438	ng		97
83) Chrysene	13.90	228	1393854	34.339	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	838223	32.120	ng		99
85) Di-n-octyl phthalate	14.46	149	1535272	34.260	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1250524	36.137	ng		94
88) Benzo(b)fluoranthene	14.88	252	1426011m	38.345	ng		
89) Benzo(k)fluoranthene	14.90	252	1181169	35.065	ng		98
90) Benzo(a)pyrene	15.22	252	1233100	37.487	ng		98
91) Dibenzo(a,h)anthracene	16.66	278	1031214	36.738	ng		96
92) Benzo(g,h,i)perylene	17.05	276	1021336	36.237	ng		96

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

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