Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
Data File : BF113048.D
Acq On : 14 Mar 2019 13:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/15/2019 10:03:22 AM

Quant Time: Mar 15 06:54:50 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	179648	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	719938	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	397826	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	799292	20.00	ng		0.00
76) Chrysene-d12	13.87	240	605993	20.00	ng		0.00
87) Perylene-d12	15.27	264	606153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	859626	74.43	ng		0.00
7) Phenol-d6	6.37	99	1049698	72.36	ng		0.00
23) Nitrobenzene-d5	7.29	82	996406	82.82	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	392620	92.96	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1955408	80.24	ng		0.00
79) Terphenyl-d14	12.82	244	2126058	68.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	203882	35.218	ng		97
3) Pyridine	3.12	79	603733	38.981	ng		98
4) n-Nitrosodimethylamine	3.05	42	248039	36.610	ng		94
6) Aniline	6.39	93	663865	33.245	ng	#	43
8) 2-Chlorophenol	6.52	128	490705	38.170	ng		92
9) Benzaldehyde	6.27	77	384760	36.808	ng		99
10) Phenol	6.39	94	590807	34.899	ng	#	70
11) bis(2-Chloroethyl)ether	6.47	93	461298	35.501	ng		96
12) 1,3-Dichlorobenzene	6.67	146	526373	39.635	ng		96
13) 1,4-Dichlorobenzene	6.75	146	533956	40.091	ng		95
14) 1,2-Dichlorobenzene	6.90	146	482099	39.486	ng		99
15) Benzyl Alcohol	6.87	79	411625	37.210	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.01	45	744798	34.347	ng		94
17) 2-Methylphenol	7.00	107	387761	37.180	ng		97
18) Hexachloroethane	7.25	117	192573	37.746	ng	#	90
19) n-Nitroso-di-n-propylamine	7.15	70	326043	35.486	ng		99
20) 3+4-Methylphenols	7.15	107	457863	38.885	ng	#	75
22) Acetophenone	7.14	105	687375	40.832	ng		92
24) Nitrobenzene	7.32	77	528159	39.441	ng		95
25) Isophorone	7.56	82	945889	36.493	ng		98
26) 2-Nitrophenol	7.63	139	278667	49.991	ng		96
27) 2,4-Dimethylphenol	7.67	122	391678	37.768	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	604831	37.322	ng		100
29) 2,4-Dichlorophenol	7.87	162	421337	41.895	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	448014	41.460	ng		98
31) Naphthalene	8.03	128	1399966	39.167	ng		100
32) Benzoic acid	7.81	122	319000	43.887	ng		93
33) 4-Chloroaniline	8.09	127	623460	41.182	ng		99
34) Hexachlorobutadiene	8.16	225	273795	44.927	ng		99
35) Caprolactam	8.46	113	144678	40.845	ng		95
36) 4-Chloro-3-methylphenol	8.57	107	493842	44.371	ng		98
37) 2-Methylnaphthalene	8.73	142	1031475	44.686	ng		99
38) 1-Methylnaphthalene	8.82	142	999624	44.706	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	486067	41.899	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	243456	38.323	ng		100
43) 2,4,6-Trichlorophenol	9.00	196	335291	41.995	ng		100
44) 2,4,5-Trichlorophenol	9.05	196	364145	42.196	ng		96
46) 1,1'-Biphenyl	9.19	154	1275457	39.307	ng		99
47) 2-Chloronaphthalene	9.21	162	975515	38.501	ng		99
48) 2-Nitroaniline	9.30	65	326629	42.412	ng		99
49) Acenaphthylene	9.63	152	1603528	37.279	ng		100
50) Dimethylphthalate	9.49	163	1175092	40.059	ng		100
51) 2,6-Dinitrotoluene	9.55	165	269543	44.126	ng	#	82
52) Acenaphthene	9.80	154	904499	35.958	ng		99
53) 3-Nitroaniline	9.72	138	311815	41.892	ng		95
54) 2,4-Dinitrophenol	9.83	184	130877	54.607	ng		98
55) Dibenzofuran	9.97	168	1370739	37.494	ng		98
56) 4-Nitrophenol	9.89	139	241293	39.888	ng		97
57) 2,4-Dinitrotoluene	9.96	165	354301	46.662	ng	#	80
58) Fluorene	10.31	166	1022692	39.413	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	309103	42.991	ng	#	93
60) Diethylphthalate	10.19	149	1155989	37.313	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	510044	42.248	ng		92
62) 4-Nitroaniline	10.33	138	313611	45.597	ng		98
63) Azobenzene	10.46	77	1096828	34.565	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	164031	49.759	ng		82
66) n-Nitrosodiphenylamine	10.42	169	946298	36.916	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	348768	41.427	ng		97
68) Hexachlorobenzene	10.86	284	399766	42.124	ng	#	88
69) Atrazine	10.95	200	301396	38.390	ng		98
70) Pentachlorophenol	11.05	266	234452	41.973	ng		99
71) Phenanthrene	11.27	178	1533511	38.562	ng		100
72) Anthracene	11.32	178	1566785	37.637	ng		100
73) Carbazole	11.47	167	1509688	37.176	ng		99
74) Di-n-butylphthalate	11.80	149	1785963	36.679	ng		99
75) Fluoranthene	12.45	202	1648110	38.682	ng		97
77) Benzidine	12.57	184	770337	24.502	ng		99
78) Pyrene	12.67	202	1682807	32.940	ng		99
80) Butylbenzylphthalate	13.29	149	771428	34.210	ng		97
81) Benzo(a)anthracene	13.86	228	1359348	32.366	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	603596	37.999	ng		98
83) Chrysene	13.90	228	1400933	34.053	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	923235	34.905	ng		100
85) Di-n-octyl phthalate	14.46	149	1712003	37.694	ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1415029	40.345	ng		94
88) Benzo(b)fluoranthene	14.88	252	1433748	36.568	ng	#	97
89) Benzo(k)fluoranthene	14.91	252	1249793m	35.191	ng		
90) Benzo(a)pyrene	15.22	252	1278196	36.857	ng	#	97
91) Dibenzo(a,h)anthracene	16.66	278	1160578	39.218	ng		97
92) Benzo(g,h,i)perylene	17.06	276	1128102	37.964	ng	#	94

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

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