Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113884.D
Acq On : 22 Apr 2019 18:13
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
4/25/2019 6:06:08 PM

Quant Time: Apr 24 11:19:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181664	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	716135	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	382022	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	764939	20.00	ng		0.00
76) Chrysene-d12	14.07	240	613764	20.00	ng		0.00
87) Perylene-d12	15.56	264	500018	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	855747	80.57	ng		0.00
7) Phenol-d6	6.52	99	1082783	81.25	ng		0.00
23) Nitrobenzene-d5	7.46	82	984948	84.92	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	398726	85.68	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1918899	78.56	ng		0.00
79) Terphenyl-d14	13.00	244	2331144	77.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	202102	40.365	ng		96
3) Pyridine	3.46	79	539539	39.479	ng		99
4) n-Nitrosodimethylamine	3.40	42	187798	40.143	ng		95
6) Aniline	6.56	93	739542	40.415	ng		99
8) 2-Chlorophenol	6.69	128	493737	40.716	ng		95
9) Benzaldehyde	6.45	77	310895	41.648	ng		94
10) Phenol	6.53	94	652513	40.949	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	482203	40.214	ng		99
12) 1,3-Dichlorobenzene	6.84	146	559555	40.742	ng		99
13) 1,4-Dichlorobenzene	6.92	146	556187	40.263	ng		99
14) 1,2-Dichlorobenzene	7.07	146	520166	40.973	ng		99
15) Benzyl Alcohol	7.03	79	375643	41.855	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	561724	40.130	ng		94
17) 2-Methylphenol	7.15	107	430051	40.458	ng		98
18) Hexachloroethane	7.42	117	196330	40.544	ng		97
19) n-Nitroso-di-n-propylamine	7.31	70	347410	40.258	ng		99
20) 3+4-Methylphenols	7.30	107	499159	41.563	ng	#	86
22) Acetophenone	7.30	105	646877	40.591	ng		96
24) Nitrobenzene	7.47	77	539236	42.076	ng		100
25) Isophorone	7.72	82	958555	40.390	ng		100
26) 2-Nitrophenol	7.79	139	260300	44.521	ng		97
27) 2,4-Dimethylphenol	7.83	122	387897	40.721	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	616727	40.782	ng		99
29) 2,4-Dichlorophenol	8.03	162	447223	41.056	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	494575	40.720	ng		98
31) Naphthalene	8.20	128	1388383	40.810	ng		99
32) Benzoic acid	7.95	122	300848m	46.767	ng		
33) 4-Chloroaniline	8.25	127	583685	40.547	ng		97
34) Hexachlorobutadiene	8.32	225	309887	40.928	ng		99
35) Caprolactam	8.62	113	139948	40.387	ng		94
36) 4-Chloro-3-methylphenol	8.72	107	440393	40.808	ng		99
37) 2-Methylnaphthalene	8.89	142	934631	40.740	ng		98
38) 1-Methylnaphthalene	8.99	142	910339	41.113	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	501637	40.424	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	275643	39.833	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	323977	41.115	ng		97
44) 2,4,5-Trichlorophenol	9.20	196	363377	41.113	ng		98
46) 1,1'-Biphenyl	9.36	154	1184227	40.578	ng		98
47) 2-Chloronaphthalene	9.38	162	967599	40.771	ng		99
48) 2-Nitroaniline	9.47	65	270060	43.408	ng		94
49) Acenaphthylene	9.80	152	1511819	40.691	ng		100
50) Dimethylphthalate	9.66	163	1123237	40.655	ng		99
51) 2,6-Dinitrotoluene	9.71	165	261045	44.041	ng		91
52) Acenaphthene	9.97	154	901667	41.065	ng		99
53) 3-Nitroaniline	9.88	138	266921	42.854	ng		95
54) 2,4-Dinitrophenol	9.98	184	103961	44.642	ng	#	22
55) Dibenzofuran	10.14	168	1355856	41.223	ng		98
56) 4-Nitrophenol	10.03	139	216926	43.987	ng		99
57) 2,4-Dinitrotoluene	10.12	165	342040	45.718	ng		95
58) Fluorene	10.48	166	1006544	40.648	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	318824	41.048	ng		99
60) Diethylphthalate	10.35	149	1085800	41.385	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	536094	40.879	ng		97
62) 4-Nitroaniline	10.49	138	262064	43.115	ng		97
63) Azobenzene	10.63	77	1040353	40.913	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	149631	43.488	ng		92
66) n-Nitrosodiphenylamine	10.59	169	916118	39.914	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	373966	40.469	ng		96
68) Hexachlorobenzene	11.03	284	409635	40.340	ng		99
69) Atrazine	11.12	200	300867	40.296	ng		99
70) Pentachlorophenol	11.22	266	242883	42.245	ng		97
71) Phenanthrene	11.45	178	1565402	40.721	ng		100
72) Anthracene	11.50	178	1574593	40.561	ng		99
73) Carbazole	11.65	167	1419253	40.979	ng		100
74) Di-n-butylphthalate	11.97	149	1659403	40.731	ng		100
75) Fluoranthene	12.63	202	1688394	40.256	ng		98
77) Benzidine	12.75	184	865974	47.353	ng		99
78) Pyrene	12.86	202	1691465	39.408	ng		100
80) Butylbenzylphthalate	13.47	149	674797	39.959	ng		99
81) Benzo(a)anthracene	14.06	228	1452886	40.177	ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	558456	42.134	ng		99
83) Chrysene	14.09	228	1420050	40.321	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	874578	40.705	ng		100
85) Di-n-octyl phthalate	14.68	149	1379178	41.010	ng		99
86) Indeno(1,2,3-cd)pyrene	17.06	276	1166756	34.975	ng		98
88) Benzo(b)fluoranthene	15.13	252	1277730	40.389	ng		100
89) Benzo(k)fluoranthene	15.16	252	1147662	42.174	ng		99
90) Benzo(a)pyrene	15.50	252	1104030	40.347	ng		98
91) Dibenzo(a,h)anthracene	17.07	278	959382	37.350	ng		99
92) Benzo(g,h,i)perylene	17.50	276	947841	36.565	ng		98

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

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