Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119383.D
Acq On : 12 Mar 2020 16:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:27 PM

Quant Time: Mar 13 01:59:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127189	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	468429	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	226513	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	418963	20.00	ng		0.00
76) Chrysene-d12	13.90	240	286715	20.00	ng		0.01
87) Perylene-d12	15.33	264	277142	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	634127	83.32	ng		0.00
7) Phenol-d6	6.38	99	755588	81.63	ng		0.00
23) Nitrobenzene-d5	7.29	82	728017	82.06	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	221006	74.58	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1209449	78.66	ng		0.00
79) Terphenyl-d14	12.83	244	1403862	84.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	130879	38.624	ng		100
3) Pyridine	3.09	79	338609	36.590	ng		97
4) n-Nitrosodimethylamine	3.04	42	115244	41.109	ng		94
6) Aniline	6.39	93	459241	40.209	ng	#	81
8) 2-Chlorophenol	6.52	128	337283	41.065	ng		97
9) Benzaldehyde	6.28	77	209170	33.824	ng		99
10) Phenol	6.39	94	403504	40.320	ng		80
11) bis(2-Chloroethyl)ether	6.46	93	306545	40.034	ng		99
12) 1,3-Dichlorobenzene	6.66	146	393525	39.975	ng		98
13) 1,4-Dichlorobenzene	6.74	146	405358	41.149	ng		99
14) 1,2-Dichlorobenzene	6.89	146	372871	41.503	ng		98
15) Benzyl Alcohol	6.88	79	286817	42.875	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	251898	37.977	ng	#	23
17) 2-Methylphenol	7.00	107	267004	40.096	ng	#	91
18) Hexachloroethane	7.23	117	142787	40.514	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	229763	42.600	ng		96
20) 3+4-Methylphenols	7.16	107	362433	44.425	ng		90
22) Acetophenone	7.14	105	452378	41.739	ng	#	95
24) Nitrobenzene	7.31	77	363670	41.452	ng		94
25) Isophorone	7.55	82	606391	39.357	ng		99
26) 2-Nitrophenol	7.63	139	184985	39.795	ng		94
27) 2,4-Dimethylphenol	7.67	122	247198	39.183	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	390365	38.925	ng		99
29) 2,4-Dichlorophenol	7.89	162	296529	39.926	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	336049	38.162	ng		97
31) Naphthalene	8.03	128	963200	39.648	ng		99
32) Benzoic acid	7.85	122	139267	32.723	ng		95
33) 4-Chloroaniline	8.09	127	420756	40.268	ng		99
34) Hexachlorobutadiene	8.14	225	211654	38.587	ng		98
35) Caprolactam	8.47	113	79601m	34.808	ng		
36) 4-Chloro-3-methylphenol	8.59	107	277428	36.909	ng		99
37) 2-Methylnaphthalene	8.72	142	575328	35.191	ng		99
38) 1-Methylnaphthalene	8.82	142	541880	35.244	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	299212	39.179	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	74706	33.112	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	174304	36.142	ng		97
44) 2,4,5-Trichlorophenol	9.07	196	169304	33.454	ng		97
46) 1,1'-Biphenyl	9.18	154	737498	40.285	ng		98
47) 2-Chloronaphthalene	9.21	162	589945	39.989	ng		98
48) 2-Nitroaniline	9.32	65	178495	43.379	ng		90
49) Acenaphthylene	9.62	152	837020	39.284	ng		99
50) Dimethylphthalate	9.49	163	673903	38.907	ng		100
51) 2,6-Dinitrotoluene	9.56	165	149787	38.924	ng	#	77
52) Acenaphthene	9.79	154	519264	40.416	ng		99
53) 3-Nitroaniline	9.73	138	171470	40.193	ng		95
54) 2,4-Dinitrophenol	9.87	184	52429	32.888	ng	#	90
55) Dibenzofuran	9.97	168	767341	40.014	ng		99
56) 4-Nitrophenol	9.93	139	68672	26.791	ng		95
57) 2,4-Dinitrotoluene	9.97	165	200446	40.186	ng		90
58) Fluorene	10.31	166	625871	42.001	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	145761	34.134	ng		95
60) Diethylphthalate	10.19	149	655676	40.169	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	319120	40.459	ng		98
62) 4-Nitroaniline	10.36	138	162483	37.226	ng		94
63) Azobenzene	10.46	77	596549	42.046	ng		93
65) 4,6-Dinitro-2-methylphenol	10.39	198	93590	36.916	ng		96
66) n-Nitrosodiphenylamine	10.42	169	542415	39.539	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	206240	37.660	ng		98
68) Hexachlorobenzene	10.86	284	241617	38.267	ng		95
69) Atrazine	10.95	200	162158	33.832	ng		99
70) Pentachlorophenol	11.07	266	90440	35.558	ng		93
71) Phenanthrene	11.27	178	924450	40.461	ng		98
72) Anthracene	11.33	178	921317	40.357	ng		97
73) Carbazole	11.49	167	841776	41.389	ng		97
74) Di-n-butylphthalate	11.80	149	969364	39.358	ng		99
75) Fluoranthene	12.46	202	964858	39.784	ng		99
77) Benzidine	12.59	184	440657	37.791	ng		99
78) Pyrene	12.69	202	992537	43.111	ng		99
80) Butylbenzylphthalate	13.30	149	384919	39.725	ng		94
81) Benzo(a)anthracene	13.89	228	782039	40.031	ng		99
82) 3,3'-Dichlorobenzidine	13.84	252	289222	38.127	ng	#	98
83) Chrysene	13.92	228	768290	39.469	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	460272	37.599	ng	#	98
85) Di-n-octyl phthalate	14.47	149	655473	33.606	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	707867	37.556	ng		100
88) Benzo(b)fluoranthene	14.92	252	724835	39.679	ng		99
89) Benzo(k)fluoranthene	14.94	252	701800	41.455	ng		100
90) Benzo(a)pyrene	15.27	252	657622	39.887	ng		98
91) Dibenzo(a,h)anthracene	16.74	278	585695	40.374	ng		99
92) Benzo(g,h,i)perylene	17.18	276	577946	40.322	ng		99

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

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