Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
Data File : BF119331.D
Acq On : 11 Mar 2020 00:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
3/11/2020 4:58:35 PM

Quant Time: Mar 11 09:16:09 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	6.73	152	106350	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	380532	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	181295	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	281941	20.00	ng		0.00
76) Chrysene-d12	13.89	240	229653	20.00	ng		0.00
87) Perylene-d12	15.32	264	186736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	543859	85.46	ng		0.00
7) Phenol-d6	6.39	99	619061	79.99	ng		0.00
23) Nitrobenzene-d5	7.30	82	588789	81.70	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	154378	65.09	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1070176	86.96	ng		0.00
79) Terphenyl-d14	12.83	244	1040203	77.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	109081	38.499	ng		98
3) Pyridine	3.10	79	278880	36.040	ng		99
4) n-Nitrosodimethylamine	3.06	42	90333	38.537	ng		100
6) Aniline	6.39	93	367627	38.495	ng	#	63
8) 2-Chlorophenol	6.52	128	282743	41.170	ng		99
9) Benzaldehyde	6.28	77	181416	35.084	ng		98
10) Phenol	6.40	94	333555	39.862	ng		91
11) bis(2-Chloroethyl)ether	6.46	93	262292	40.967	ng		97
12) 1,3-Dichlorobenzene	6.67	146	334802	40.674	ng		99
13) 1,4-Dichlorobenzene	6.75	146	338927	41.147	ng		98
14) 1,2-Dichlorobenzene	6.90	146	312575	41.609	ng		97
15) Benzyl Alcohol	6.88	79	229157	40.968	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	222695	40.153	ng	#	35
17) 2-Methylphenol	7.00	107	222623	39.982	ng	#	91
18) Hexachloroethane	7.23	117	96660	32.800	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	195215	43.287	ng		97
20) 3+4-Methylphenols	7.16	107	298497	43.758	ng		87
22) Acetophenone	7.14	105	379517	43.105	ng	#	95
24) Nitrobenzene	7.32	77	293628	41.199	ng		98
25) Isophorone	7.55	82	491382	39.259	ng		98
26) 2-Nitrophenol	7.63	139	119965	31.768	ng		98
27) 2,4-Dimethylphenol	7.68	122	202360	39.485	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	328983	40.381	ng		97
29) 2,4-Dichlorophenol	7.89	162	232367	38.513	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	273472	38.229	ng		99
31) Naphthalene	8.03	128	775506	39.296	ng		98
32) Benzoic acid	7.82	122	61556m	20.850	ng		
33) 4-Chloroaniline	8.09	127	320997	37.817	ng		100
34) Hexachlorobutadiene	8.15	225	179952	40.385	ng		99
35) Caprolactam	8.47	113	65565	35.292	ng		93
36) 4-Chloro-3-methylphenol	8.59	107	234321	38.375	ng		99
37) 2-Methylnaphthalene	8.72	142	506599	38.144	ng		99
38) 1-Methylnaphthalene	8.82	142	470000	37.629	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	258311	42.259	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	1150	9.850	ng		84
43) 2,4,6-Trichlorophenol	9.02	196	152357	39.471	ng		99
44) 2,4,5-Trichlorophenol	9.07	196	144320	35.630	ng		99
46) 1,1'-Biphenyl	9.19	154	634409	43.297	ng		97
47) 2-Chloronaphthalene	9.21	162	492604	41.719	ng		98
48) 2-Nitroaniline	9.32	65	147286	44.722	ng		97
49) Acenaphthylene	9.62	152	672288	39.422	ng		99
50) Dimethylphthalate	9.49	163	594617	42.892	ng		99
51) 2,6-Dinitrotoluene	9.56	165	111618	36.239	ng		94
52) Acenaphthene	9.79	154	411299	39.998	ng		99
53) 3-Nitroaniline	9.73	138	138449	40.547	ng		92
54) 2,4-Dinitrophenol	9.93	184	1797m	8.564	ng		
55) Dibenzofuran	9.97	168	598546	38.997	ng		98
56) 4-Nitrophenol	9.93	139	40999m	19.985	ng		
57) 2,4-Dinitrotoluene	9.97	165	129943	32.549	ng		91
58) Fluorene	10.31	166	465032	38.991	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	113084	33.087	ng		99
60) Diethylphthalate	10.18	149	567199	43.415	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	261002	41.344	ng		95
62) 4-Nitroaniline	10.35	138	129706	37.128	ng		93
63) Azobenzene	10.46	77	443902	39.090	ng		95
65) 4,6-Dinitro-2-methylphenol	10.40	198	4975	2.916	ng		93
66) n-Nitrosodiphenylamine	10.42	169	411852	44.612	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	156936	42.584	ng		96
68) Hexachlorobenzene	10.86	284	170383	40.100	ng		96
69) Atrazine	10.95	200	119797	37.141	ng		99
70) Pentachlorophenol	11.07	266	94029	54.936	ng		100
71) Phenanthrene	11.27	178	621186	40.401	ng		98
72) Anthracene	11.32	178	620772	40.407	ng		98
73) Carbazole	11.48	167	549777	40.170	ng		98
74) Di-n-butylphthalate	11.80	149	781669	47.161	ng		98
75) Fluoranthene	12.46	202	659714	40.422	ng		98
77) Benzidine	12.59	184	356411	38.160	ng		99
78) Pyrene	12.69	202	664019	36.008	ng		98
80) Butylbenzylphthalate	13.30	149	309069	39.822	ng		98
81) Benzo(a)anthracene	13.88	228	637186	40.721	ng		98
82) 3,3'-Dichlorobenzidine	13.83	252	254514	41.888	ng		99
83) Chrysene	13.92	228	612587	39.289	ng		98
84) Bis(2-ethylhexyl)phthalate	13.85	149	441487	45.026	ng	#	97
85) Di-n-octyl phthalate	14.46	149	751843	48.125	ng		98
86) Indeno(1,2,3-cd)pyrene	16.73	276	441872	29.269	ng		100
88) Benzo(b)fluoranthene	14.91	252	518344	42.112	ng		100
89) Benzo(k)fluoranthene	14.94	252	525192	46.043	ng		98
90) Benzo(a)pyrene	15.26	252	447193	40.256	ng		98
91) Dibenzo(a,h)anthracene	16.73	278	371825	38.040	ng		99
92) Benzo(g,h,i)perylene	17.16	276	346347	35.862	ng		99

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

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