Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
Data File : BF120828.D
Acq On : 10 Jul 2020 13:36
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
7/13/2020 1:04:34 PM

Quant Time: Jul 10 14:54:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140113	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	502186	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	240378	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	402895	20.00	ng		0.00
76) Chrysene-d12	14.01	240	294430	20.00	ng		0.00
86) Perylene-d12	15.47	264	248811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	691062	76.14	ng		0.00
7) Phenol-d6	6.47	99	868830	74.95	ng		0.00
23) Nitrobenzene-d5	7.41	82	723286	83.45	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	196476	81.36	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1260973	79.37	ng		0.00
79) Terphenyl-d14	12.96	244	1207190	80.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	160208	38.640	ng		98
3) Pyridine	3.33	79	431118	37.961	ng		99
4) n-Nitrosodimethylamine	3.28	42	205650	36.197	ng	#	99
6) Aniline	6.51	93	551177	37.025	ng		99
8) 2-Chlorophenol	6.63	128	369535	38.240	ng		97
9) Benzaldehyde	6.40	77	228969	33.213	ng		97
10) Phenol	6.49	94	445894m	37.394	ng		
11) bis(2-Chloroethyl)ether	6.58	93	368054	37.932	ng		98
12) 1,3-Dichlorobenzene	6.79	146	408238	38.380	ng		97
13) 1,4-Dichlorobenzene	6.86	146	407120	38.214	ng		98
14) 1,2-Dichlorobenzene	7.02	146	385994	38.082	ng		99
15) Benzyl Alcohol	6.99	79	313520	35.999	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	552681	36.517	ng		99
17) 2-Methylphenol	7.09	107	320306	37.051	ng		99
18) Hexachloroethane	7.36	117	153110	38.237	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	245157	35.126	ng		96
20) 3+4-Methylphenols	7.25	107	397420	37.325	ng	#	88
22) Acetophenone	7.26	105	477909	38.286	ng	#	96
24) Nitrobenzene	7.43	77	397463	40.840	ng		99
25) Isophorone	7.67	82	681763	36.472	ng		99
26) 2-Nitrophenol	7.75	139	158774	39.567	ng		95
27) 2,4-Dimethylphenol	7.78	122	284002	38.060	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	423355	38.267	ng		99
29) 2,4-Dichlorophenol	7.98	162	287746	38.628	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	330784	39.535	ng		99
31) Naphthalene	8.15	128	1038986	38.713	ng		99
32) Benzoic acid	7.88	122	179525	35.255	ng		96
33) 4-Chloroaniline	8.20	127	427709	37.556	ng		98
34) Hexachlorobutadiene	8.27	225	201081	39.960	ng		99
35) Caprolactam	8.56	113	76999	35.474	ng		98
36) 4-Chloro-3-methylphenol	8.67	107	286488	36.972	ng		95
37) 2-Methylnaphthalene	8.85	142	662884	37.995	ng		99
38) 1-Methylnaphthalene	8.95	142	618110	37.823	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	298085	41.031	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	168681	39.298	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	192017	38.789	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	219330	39.923	ng		96
46) 1,1'-Biphenyl	9.31	154	771763	39.803	ng		99
47) 2-Chloronaphthalene	9.33	162	618634	39.826	ng		98
48) 2-Nitroaniline	9.42	65	187317	40.694	ng		94
49) Acenaphthylene	9.75	152	927852	38.099	ng		99
50) Dimethylphthalate	9.61	163	669086	38.157	ng		99
51) 2,6-Dinitrotoluene	9.67	165	139010	40.274	ng	#	84
52) Acenaphthene	9.92	154	590950	39.114	ng		99
53) 3-Nitroaniline	9.83	138	166481	39.358	ng		99
54) 2,4-Dinitrophenol	9.93	184	43442	37.442	ng	#	85
55) Dibenzofuran	10.09	168	842547	38.688	ng		98
56) 4-Nitrophenol	9.98	139	120149	38.477	ng		97
57) 2,4-Dinitrotoluene	10.06	165	176366	41.101	ng		99
58) Fluorene	10.43	166	631210	38.940	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	157136m	38.437	ng		
60) Diethylphthalate	10.31	149	682227	37.349	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	321348	39.434	ng		96
62) 4-Nitroaniline	10.45	138	158311	42.492	ng		96
63) Azobenzene	10.59	77	694314	37.157	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	63895	39.215	ng	#	78
66) n-Nitrosodiphenylamine	10.55	169	554523	41.063	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	189856	40.623	ng		96
68) Hexachlorobenzene	10.98	284	200482	40.879	ng		93
69) Atrazine	11.07	200	125270	36.008	ng		100
70) Pentachlorophenol	11.17	266	109531	39.475	ng		99
71) Phenanthrene	11.39	178	878780	40.199	ng		100
72) Anthracene	11.45	178	877202	39.710	ng		100
73) Carbazole	11.60	167	835134	39.341	ng		100
74) Di-n-butylphthalate	11.93	149	991852	37.739	ng		100
75) Fluoranthene	12.58	202	891966	38.302	ng		99
77) Benzidine	12.70	184	281598	33.884	ng		98
78) Pyrene	12.81	202	924525	39.317	ng		99
80) Butylbenzylphthalate	13.43	149	368398	36.288	ng		99
81) Benzo(a)anthracene	14.00	228	758720	40.200	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	235189	36.926	ng		99
83) Chrysene	14.03	228	751630	39.043	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	507217	38.099	ng	#	98
85) Di-n-octyl phthalate	14.61	149	800772	34.000	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	664872	41.661	ng		99
88) Benzo(b)fluoranthene	15.04	252	641165	39.197	ng		99
89) Benzo(k)fluoranthene	15.07	252	652459	40.992	ng		100
90) Benzo(a)pyrene	15.40	252	576008	39.475	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	561397	42.206	ng		99
92) Benzo(g,h,i)perylene	17.36	276	515548	42.409	ng		99

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

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