Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073020\
Data File : BF121126.D
Acq On : 30 Jul 2020 14:02
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 30 15:46:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146343	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	533890	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	276420	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	520378	20.00	ng		0.00
76) Chrysene-d12	13.97	240	422033	20.00	ng		0.00
86) Perylene-d12	15.42	264	435308	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	687461	77.01	ng		0.00
7) Phenol-d6	6.44	99	892314	77.38	ng		0.00
23) Nitrobenzene-d5	7.37	82	749150	81.19	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	245995	81.30	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1297645	70.09	ng		0.00
79) Terphenyl-d14	12.92	244	1442353	74.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	161706	39.360	ng		99
3) Pyridine	3.24	79	435265	39.826	ng		99
4) n-Nitrosodimethylamine	3.20	42	176420	37.750	ng		97
6) Aniline	6.46	93	548127	36.415	ng		99
8) 2-Chlorophenol	6.59	128	387384	39.392	ng		100
9) Benzaldehyde	6.35	77	205108	35.657	ng		99
10) Phenol	6.45	94	473634	37.339	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	384503	39.552	ng		97
12) 1,3-Dichlorobenzene	6.74	146	416512	39.059	ng		99
13) 1,4-Dichlorobenzene	6.82	146	416086	39.240	ng		99
14) 1,2-Dichlorobenzene	6.97	146	389032	38.782	ng		99
15) Benzyl Alcohol	6.95	79	303672	37.239	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	528006	37.683	ng		96
17) 2-Methylphenol	7.06	107	338146	38.795	ng		99
18) Hexachloroethane	7.31	117	151193	39.395	ng		100
19) n-Nitroso-di-n-propylamine	7.22	70	236894	36.128	ng		97
20) 3+4-Methylphenols	7.22	107	384221	34.652	ng		97
22) Acetophenone	7.21	105	470341	39.254	ng	#	98
24) Nitrobenzene	7.39	77	400541	40.277	ng		100
25) Isophorone	7.62	82	726388	39.446	ng		97
26) 2-Nitrophenol	7.70	139	210034	44.470	ng		95
27) 2,4-Dimethylphenol	7.74	122	306264	39.939	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	446549	39.726	ng		99
29) 2,4-Dichlorophenol	7.95	162	321065	40.973	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	354226	40.745	ng		99
31) Naphthalene	8.10	128	1082838	39.540	ng		100
32) Benzoic acid	7.87	122	216728	37.650	ng		99
33) 4-Chloroaniline	8.16	127	483207	39.553	ng		99
34) Hexachlorobutadiene	8.22	225	206281	40.250	ng		99
35) Caprolactam	8.53	113	102894	40.947	ng		90
36) 4-Chloro-3-methylphenol	8.65	107	327787	40.787	ng		99
37) 2-Methylnaphthalene	8.80	142	715490	40.237	ng		99
38) 1-Methylnaphthalene	8.90	142	675695	40.122	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	330158	40.995	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	161370	36.254	ng		99
43) 2,4,6-Trichlorophenol	9.08	196	221485	39.059	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	254646	39.589	ng		98
46) 1,1'-Biphenyl	9.26	154	843237	39.992	ng		99
47) 2-Chloronaphthalene	9.29	162	687165	39.972	ng		98
48) 2-Nitroaniline	9.39	65	218690	42.095	ng		94
49) Acenaphthylene	9.70	152	1066292	39.926	ng		99
50) Dimethylphthalate	9.56	163	799144	40.073	ng		100
51) 2,6-Dinitrotoluene	9.63	165	182663	42.635	ng		98
52) Acenaphthene	9.87	154	627524	36.958	ng		99
53) 3-Nitroaniline	9.80	138	220813	41.094	ng		99
54) 2,4-Dinitrophenol	9.90	184	84944	38.336	ng	#	89
55) Dibenzofuran	10.05	168	963442	39.238	ng		99
56) 4-Nitrophenol	9.96	139	148499	36.381	ng		93
57) 2,4-Dinitrotoluene	10.03	165	239578	42.582	ng		96
58) Fluorene	10.39	166	717477	39.179	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181048	36.968	ng		99
60) Diethylphthalate	10.26	149	794376	39.382	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	364007	37.267	ng		97
62) 4-Nitroaniline	10.41	138	224062	42.808	ng		96
63) Azobenzene	10.54	77	737953	38.429	ng		100
65) 4,6-Dinitro-2-methylphenol	10.45	198	130000	43.552	ng		93
66) n-Nitrosodiphenylamine	10.50	169	668631	40.845	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	243742	42.011	ng		99
68) Hexachlorobenzene	10.94	284	263337	41.959	ng		94
69) Atrazine	11.03	200	164949	40.686	ng		98
70) Pentachlorophenol	11.13	266	137997	38.381	ng		99
71) Phenanthrene	11.35	178	1073219	40.101	ng		100
72) Anthracene	11.40	178	1086426	40.426	ng		100
73) Carbazole	11.56	167	1071123	40.162	ng		99
74) Di-n-butylphthalate	11.89	149	1230415	39.978	ng		100
75) Fluoranthene	12.54	202	1185410	39.960	ng		98
77) Benzidine	12.66	184	371550	33.485	ng		99
78) Pyrene	12.77	202	1240028	41.559	ng		100
80) Butylbenzylphthalate	13.39	149	551202	41.440	ng		96
81) Benzo(a)anthracene	13.96	228	1074125	42.030	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	395783	41.049	ng		99
83) Chrysene	14.00	228	1056397	39.334	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	709475	43.255	ng		99
85) Di-n-octyl phthalate	14.56	149	1256605	38.508	ng		100
87) Indeno(1,2,3-cd)pyrene	16.86	276	1108220	36.606	ng		99
88) Benzo(b)fluoranthene	15.00	252	1168896	44.423	ng		99
89) Benzo(k)fluoranthene	15.03	252	983537	40.986	ng		100
90) Benzo(a)pyrene	15.36	252	1005463	41.882	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	903557	36.538	ng		100
92) Benzo(g,h,i)perylene	17.29	276	885009	36.296	ng		99

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

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