Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081020\
Data File : BF121234.D
Acq On : 10 Aug 2020 12:47
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/12/2020 10:50:01 AM

Quant Time: Aug 10 17:16:58 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	127796	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	428866	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	211574	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	384603	20.00	ng		0.00
76) Chrysene-d12	13.97	240	287391	20.00	ng		0.00
86) Perylene-d12	15.42	264	288074	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	620925	79.65	ng		0.00
7) Phenol-d6	6.44	99	742075	73.69	ng		0.00
23) Nitrobenzene-d5	7.36	82	614481	82.91	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	186520	80.54	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1078770	76.13	ng		0.00
79) Terphenyl-d14	12.91	244	1115569	84.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	146948	40.958	ng		99
3) Pyridine	3.23	79	361605	37.888	ng		99
4) n-Nitrosodimethylamine	3.19	42	148310	36.340	ng		97
6) Aniline	6.46	93	441775	33.609	ng		98
8) 2-Chlorophenol	6.59	128	330309	38.463	ng		100
9) Benzaldehyde	6.35	77	186768	37.697	ng		98
10) Phenol	6.45	94	397377	35.874	ng		100
11) bis(2-Chloroethyl)ether	6.53	93	313754	36.959	ng		98
12) 1,3-Dichlorobenzene	6.74	146	368273	39.548	ng		99
13) 1,4-Dichlorobenzene	6.82	146	366536	39.584	ng		99
14) 1,2-Dichlorobenzene	6.97	146	342926	39.147	ng		99
15) Benzyl Alcohol	6.95	79	244162	34.286	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	450098	36.784	ng		95
17) 2-Methylphenol	7.06	107	273853	35.978	ng		99
18) Hexachloroethane	7.31	117	133571	39.855	ng		93
19) n-Nitroso-di-n-propylamine	7.21	70	192790	33.669	ng		95
20) 3+4-Methylphenols	7.21	107	326373	33.707	ng	#	84
22) Acetophenone	7.21	105	391074	40.631	ng	#	97
24) Nitrobenzene	7.38	77	325113	40.698	ng		96
25) Isophorone	7.62	82	560020	37.859	ng		99
26) 2-Nitrophenol	7.70	139	166047	43.766	ng		100
27) 2,4-Dimethylphenol	7.74	122	243192	39.480	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	365043	40.428	ng		99
29) 2,4-Dichlorophenol	7.95	162	257804	40.957	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	295172	42.267	ng		99
31) Naphthalene	8.10	128	876124	39.826	ng		99
32) Benzoic acid	7.86	122	121908m	26.364	ng		
33) 4-Chloroaniline	8.15	127	378550	38.574	ng		98
34) Hexachlorobutadiene	8.22	225	173829	42.224	ng		98
35) Caprolactam	8.53	113	74401	36.859	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	255988	39.654	ng		97
37) 2-Methylnaphthalene	8.79	142	568011	39.766	ng		100
38) 1-Methylnaphthalene	8.89	142	537475	39.730	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	270687	43.912	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	127037	37.288	ng		100
43) 2,4,6-Trichlorophenol	9.08	196	166634	38.393	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	191790	38.956	ng		97
46) 1,1'-Biphenyl	9.26	154	671264	41.593	ng		98
47) 2-Chloronaphthalene	9.29	162	544438	41.377	ng		100
48) 2-Nitroaniline	9.39	65	166082	41.766	ng		94
49) Acenaphthylene	9.70	152	825936	40.405	ng		99
50) Dimethylphthalate	9.56	163	617705	40.469	ng		99
51) 2,6-Dinitrotoluene	9.63	165	136338	41.576	ng		90
52) Acenaphthene	9.87	154	488186	37.564	ng		100
53) 3-Nitroaniline	9.80	138	158825	38.617	ng		99
54) 2,4-Dinitrophenol	9.91	184	52949	32.489	ng	#	89
55) Dibenzofuran	10.05	168	741135	39.436	ng		97
56) 4-Nitrophenol	9.97	139	110912	35.501	ng		92
57) 2,4-Dinitrotoluene	10.03	165	176878	41.073	ng		93
58) Fluorene	10.39	166	570482	40.700	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	137733	36.743	ng		98
60) Diethylphthalate	10.26	149	610104	39.517	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	291837	39.036	ng		99
62) 4-Nitroaniline	10.41	138	156600	39.089	ng		98
63) Azobenzene	10.54	77	575221	39.136	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	81048	37.339	ng		93
66) n-Nitrosodiphenylamine	10.50	169	508569	42.034	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	188419	43.941	ng		94
68) Hexachlorobenzene	10.94	284	199839	43.083	ng		98
69) Atrazine	11.02	200	118635	39.593	ng		98
70) Pentachlorophenol	11.14	266	88135	33.167	ng		98
71) Phenanthrene	11.35	178	807802	40.839	ng		99
72) Anthracene	11.40	178	834707	42.025	ng		99
73) Carbazole	11.56	167	802269	40.701	ng		99
74) Di-n-butylphthalate	11.89	149	952289	41.864	ng		99
75) Fluoranthene	12.54	202	866975	39.543	ng		99
77) Benzidine	12.66	184	231741	30.670	ng		98
78) Pyrene	12.77	202	888204	43.714	ng		99
80) Butylbenzylphthalate	13.38	149	387650	42.797	ng		95
81) Benzo(a)anthracene	13.96	228	755963	43.439	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	269977	41.120	ng		99
83) Chrysene	13.99	228	739095	40.413	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	529279	47.387	ng		100
85) Di-n-octyl phthalate	14.55	149	877119	39.472	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	858693	42.861	ng		100
88) Benzo(b)fluoranthene	15.00	252	701401	40.280	ng		99
89) Benzo(k)fluoranthene	15.03	252	726335	45.737	ng		99
90) Benzo(a)pyrene	15.36	252	684665	43.096	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	704507	43.049	ng		99
92) Benzo(g,h,i)perylene	17.29	276	705036	43.693	ng		99

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

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