Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
Data File : BF120607.D
Acq On : 12 Jun 2020 8:26
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/15/2020 8:46:44 AM

Quant Time: Jun 12 10:50:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 11:28:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	163320	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	609375	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	315981	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	595852	20.00	ng		0.00
76) Chrysene-d12	13.96	240	481034	20.00	ng		0.00
86) Perylene-d12	15.39	264	524405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	752546	79.00	ng		0.00
7) Phenol-d6	6.43	99	986580	83.15	ng		0.00
23) Nitrobenzene-d5	7.36	82	861401	79.01	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	292703	79.67	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1591177	77.05	ng		0.00
79) Terphenyl-d14	12.90	244	1737030	79.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	167656	37.134	ng		99
3) Pyridine	3.21	79	463301	36.503	ng		99
4) n-Nitrosodimethylamine	3.16	42	207441	39.383	ng		94
6) Aniline	6.46	93	636881	41.944	ng		98
8) 2-Chlorophenol	6.59	128	429971	39.942	ng		99
9) Benzaldehyde	6.35	77	301871	40.225	ng		96
10) Phenol	6.45	94	536615	42.390	ng		97
11) bis(2-Chloroethyl)ether	6.54	93	423542	40.168	ng		100
12) 1,3-Dichlorobenzene	6.74	146	463219	40.477	ng		98
13) 1,4-Dichlorobenzene	6.82	146	468491	41.491	ng		98
14) 1,2-Dichlorobenzene	6.97	146	443216	40.296	ng		98
15) Benzyl Alcohol	6.94	79	353075	41.963	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	652680	42.990	ng		99
17) 2-Methylphenol	7.06	107	369976	40.297	ng		99
18) Hexachloroethane	7.31	117	172801	41.533	ng		91
19) n-Nitroso-di-n-propylamine	7.22	70	282179	41.001	ng		98
20) 3+4-Methylphenols	7.21	107	447603	39.014	ng		93
22) Acetophenone	7.21	105	535908	39.337	ng	#	97
24) Nitrobenzene	7.38	77	451349	39.563	ng		96
25) Isophorone	7.62	82	816682	38.457	ng		97
26) 2-Nitrophenol	7.70	139	226863	37.588	ng		99
27) 2,4-Dimethylphenol	7.74	122	340514	38.318	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	505594	41.072	ng		99
29) 2,4-Dichlorophenol	7.94	162	352094	38.978	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	403506	40.308	ng		99
31) Naphthalene	8.10	128	1227753	41.031	ng		99
32) Benzoic acid	7.86	122	256719	37.652	ng		100
33) 4-Chloroaniline	8.15	127	539467	39.279	ng		98
34) Hexachlorobutadiene	8.22	225	242681	41.589	ng		98
35) Caprolactam	8.52	113	107220m	37.112	ng		
36) 4-Chloro-3-methylphenol	8.63	107	362073	40.120	ng		99
37) 2-Methylnaphthalene	8.79	142	815880	41.768	ng		99
38) 1-Methylnaphthalene	8.89	142	771090	41.951	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	392024	41.550	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	214223	40.518	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	264380	39.502	ng		99
44) 2,4,5-Trichlorophenol	9.11	196	303336	39.949	ng		96
46) 1,1'-Biphenyl	9.26	154	973744	41.270	ng		98
47) 2-Chloronaphthalene	9.28	162	781173	40.488	ng		98
48) 2-Nitroaniline	9.38	65	245354	40.489	ng		96
49) Acenaphthylene	9.70	152	1201900	40.364	ng		99
50) Dimethylphthalate	9.56	163	885763	38.923	ng		99
51) 2,6-Dinitrotoluene	9.62	165	198331	38.456	ng		98
52) Acenaphthene	9.87	154	728606	41.027	ng		100
53) 3-Nitroaniline	9.79	138	237739	38.379	ng		94
54) 2,4-Dinitrophenol	9.89	184	92954	32.609	ng	#	87
55) Dibenzofuran	10.04	168	1101619	40.456	ng		98
56) 4-Nitrophenol	9.95	139	170543	36.555	ng		93
57) 2,4-Dinitrotoluene	10.02	165	262671	38.382	ng		90
58) Fluorene	10.39	166	826213	39.359	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	231738	38.793	ng		98
60) Diethylphthalate	10.26	149	898768	40.100	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	428706	39.547	ng		98
62) 4-Nitroaniline	10.40	138	234095	38.066	ng		96
63) Azobenzene	10.53	77	848205	41.691	ng		96
65) 4,6-Dinitro-2-methylphenol	10.43	198	136615	38.210	ng		89
66) n-Nitrosodiphenylamine	10.49	169	761304	41.606	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	280912	41.540	ng		96
68) Hexachlorobenzene	10.93	284	299609	41.208	ng		93
69) Atrazine	11.02	200	223447	39.462	ng		99
70) Pentachlorophenol	11.12	266	160984	39.826	ng		99
71) Phenanthrene	11.35	178	1212860	40.948	ng		99
72) Anthracene	11.39	178	1236999	41.432	ng		100
73) Carbazole	11.55	167	1184704	40.086	ng		100
74) Di-n-butylphthalate	11.88	149	1398472	42.089	ng		100
75) Fluoranthene	12.53	202	1341712	39.619	ng		100
77) Benzidine	12.65	184	533143	32.772	ng		99
78) Pyrene	12.76	202	1372989	40.290	ng		99
80) Butylbenzylphthalate	13.38	149	600498	39.685	ng		94
81) Benzo(a)anthracene	13.94	228	1177468	40.743	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	447085	40.501	ng		98
83) Chrysene	13.99	228	1203509	40.598	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	781909	42.341	ng		99
85) Di-n-octyl phthalate	14.55	149	1426556	40.477	ng		99
87) Indeno(1,2,3-cd)pyrene	16.82	276	1428407	44.780	ng		100
88) Benzo(b)fluoranthene	14.98	252	1193658	38.212	ng		100
89) Benzo(k)fluoranthene	15.01	252	1200956	43.448	ng		100
90) Benzo(a)pyrene	15.33	252	1140156	40.783	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1164084	45.508	ng		98
92) Benzo(g,h,i)perylene	17.24	276	1169645	45.365	ng		99

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

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