Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
Data File : BF116308.D
Acq On : 16 Aug 2019 8:47
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/20/2019 8:36:40 AM

Quant Time: Aug 16 11:52:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170025	20.00	ng		-0.02
21) Naphthalene-d8	8.10	136	719676	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	387650	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	678693	20.00	ng		-0.03
76) Chrysene-d12	13.99	240	476362	20.00	ng		-0.02
87) Perylene-d12	15.44	264	493464	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	893152	87.94	ng		-0.03
7) Phenol-d6	6.47	99	1082304	84.46	ng		-0.02
23) Nitrobenzene-d5	7.39	82	1001053	80.29	ng		-0.02
42) 2,4,6-Tribromophenol	10.65	330	305144	81.19	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	1569008	75.81	ng		-0.03
79) Terphenyl-d14	12.92	244	1839655	81.38	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	208980	40.730	ng		99
3) Pyridine	3.28	79	558903	38.994	ng		99
4) n-Nitrosodimethylamine	3.25	42	227145m	40.158	ng		
6) Aniline	6.49	93	733559	39.973	ng	#	79
8) 2-Chlorophenol	6.61	128	496069	44.170	ng		97
9) Benzaldehyde	6.37	77	349625	39.543	ng		99
10) Phenol	6.48	94	622243	41.236	ng		99
11) bis(2-Chloroethyl)ether	6.56	93	489544	44.126	ng		98
12) 1,3-Dichlorobenzene	6.76	146	543118	41.844	ng		97
13) 1,4-Dichlorobenzene	6.84	146	551682	42.450	ng		97
14) 1,2-Dichlorobenzene	6.99	146	499613	41.751	ng		99
15) Benzyl Alcohol	6.97	79	378034	38.874	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	631699	41.744	ng		83
17) 2-Methylphenol	7.08	107	404911	42.578	ng		99
18) Hexachloroethane	7.33	117	204847	42.812	ng		97
19) n-Nitroso-di-n-propylamine	7.24	70	330498	41.621	ng		98
20) 3+4-Methylphenols	7.24	107	473471	42.073	ng		98
22) Acetophenone	7.23	105	618461	39.184	ng		99
24) Nitrobenzene	7.41	77	559178	41.537	ng		99
25) Isophorone	7.65	82	1032257	43.299	ng		99
26) 2-Nitrophenol	7.72	139	279836	44.097	ng		100
27) 2,4-Dimethylphenol	7.76	122	389228	40.769	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	628786	42.553	ng		99
29) 2,4-Dichlorophenol	7.97	162	429606	42.617	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	465178	40.482	ng		100
31) Naphthalene	8.12	128	1372927	40.540	ng		100
32) Benzoic acid	7.93	122	251446	37.356	ng		99
33) 4-Chloroaniline	8.17	127	613256	40.528	ng		100
34) Hexachlorobutadiene	8.24	225	268858	40.621	ng		99
35) Caprolactam	8.57	113	139845m	42.893	ng		
36) 4-Chloro-3-methylphenol	8.67	107	456196	43.501	ng		96
37) 2-Methylnaphthalene	8.82	142	907322	40.680	ng		99
38) 1-Methylnaphthalene	8.91	142	861999	40.852	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	422704	40.788	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	152139	36.202	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	273310	38.315	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	286080	38.797	ng		98
46) 1,1'-Biphenyl	9.27	154	1097333	40.096	ng		99
47) 2-Chloronaphthalene	9.30	162	912444	40.058	ng		99
48) 2-Nitroaniline	9.40	65	314210	41.733	ng		91
49) Acenaphthylene	9.72	152	1309089	39.393	ng		100
50) Dimethylphthalate	9.57	163	1112751	42.158	ng		100
51) 2,6-Dinitrotoluene	9.65	165	243607	42.470	ng	#	83
52) Acenaphthene	9.89	154	816501	40.050	ng		99
53) 3-Nitroaniline	9.82	138	292706	41.299	ng		100
54) 2,4-Dinitrophenol	9.94	184	85907	34.383	ng		99
55) Dibenzofuran	10.06	168	1095718	36.958	ng		100
56) 4-Nitrophenol	10.00	139	168782	37.174	ng		92
57) 2,4-Dinitrotoluene	10.06	165	283882	37.172	ng	#	87
58) Fluorene	10.40	166	933179	40.910	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	236916	38.190	ng		98
60) Diethylphthalate	10.27	149	1024314	41.567	ng		100
61) 4-Chlorophenyl-phenylether	10.39	204	476018	41.205	ng		98
62) 4-Nitroaniline	10.45	138	282321	38.544	ng		97
63) Azobenzene	10.55	77	1063658	41.965	ng		99
65) 4,6-Dinitro-2-methylphenol	10.47	198	156354	43.472	ng		91
66) n-Nitrosodiphenylamine	10.52	169	849311	41.576	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	303497	41.773	ng		99
68) Hexachlorobenzene	10.96	284	343731	40.914	ng		99
69) Atrazine	11.04	200	230783	34.341	ng		99
70) Pentachlorophenol	11.16	266	152357	37.353	ng		98
71) Phenanthrene	11.37	178	1392983	40.148	ng		100
72) Anthracene	11.42	178	1435292	40.875	ng		99
73) Carbazole	11.57	167	1315528	41.295	ng		99
74) Di-n-butylphthalate	11.89	149	1602759	43.128	ng		100
75) Fluoranthene	12.56	202	1474538	40.595	ng		99
77) Benzidine	12.67	184	673645	41.858	ng		99
78) Pyrene	12.79	202	1480364	41.226	ng		99
80) Butylbenzylphthalate	13.39	149	684993	45.096	ng		97
81) Benzo(a)anthracene	13.97	228	1301009	42.730	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	452899	42.815	ng		100
83) Chrysene	14.01	228	1260863	42.655	ng		100
84) Bis(2-ethylhexyl)phthalate	13.94	149	910768	46.141	ng	#	98
85) Di-n-octyl phthalate	14.55	149	1423940	45.417	ng		100
86) Indeno(1,2,3-cd)pyrene	16.92	276	1132707	45.624	ng		99
88) Benzo(b)fluoranthene	15.02	252	1210783	42.435	ng		99
89) Benzo(k)fluoranthene	15.04	252	1030839m	37.092	ng		
90) Benzo(a)pyrene	15.38	252	1041868	40.848	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	931327	42.183	ng		98
92) Benzo(g,h,i)perylene	17.34	276	926202	42.716	ng		95

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

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