Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081719\
Data File : BF116348.D
Acq On : 17 Aug 2019 11:04
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/19/2019 3:30:54 PM

Quant Time: Aug 19 07:24:41 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	6.81	152	97961	20.00	ng		-0.04
21) Naphthalene-d8	8.09	136	411946	20.00	ng		-0.04
39) Acenaphthene-d10	9.85	164	224613	20.00	ng		-0.04
64) Phenanthrene-d10	11.33	188	400347	20.00	ng		-0.04
76) Chrysene-d12	13.97	240	306253	20.00	ng		-0.04
87) Perylene-d12	15.43	264	295815	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	530764	90.70	ng		-0.04
7) Phenol-d6	6.45	99	650114	88.06	ng		-0.04
23) Nitrobenzene-d5	7.37	82	586376	82.16	ng		-0.04
42) 2,4,6-Tribromophenol	10.63	330	175770	80.71	ng		-0.04
45) 2-Fluorobiphenyl	9.16	172	1021023	85.14	ng		-0.04
79) Terphenyl-d14	12.91	244	1204395	82.87	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	124480	42.108	ng		100
3) Pyridine	3.29	79	323250	39.144	ng		100
4) n-Nitrosodimethylamine	3.25	42	124771	38.286	ng		100
6) Aniline	6.47	93	435263	41.166	ng	#	86
8) 2-Chlorophenol	6.60	128	290297	44.863	ng		96
9) Benzaldehyde	6.37	77	201808	39.616	ng		99
10) Phenol	6.47	94	381983	43.936	ng		96
11) bis(2-Chloroethyl)ether	6.55	93	272717	42.665	ng		98
12) 1,3-Dichlorobenzene	6.75	146	319891	42.776	ng		99
13) 1,4-Dichlorobenzene	6.83	146	325161	43.426	ng		99
14) 1,2-Dichlorobenzene	6.98	146	299619	43.457	ng		99
15) Benzyl Alcohol	6.96	79	241432	43.091	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	367666	42.170	ng		90
17) 2-Methylphenol	7.07	107	243029	44.355	ng		97
18) Hexachloroethane	7.32	117	116875	42.395	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	202278	44.213	ng		97
20) 3+4-Methylphenols	7.23	107	308820	47.629	ng		91
22) Acetophenone	7.22	105	392669	43.463	ng	#	96
24) Nitrobenzene	7.40	77	328011	42.566	ng		98
25) Isophorone	7.63	82	577007	42.283	ng		99
26) 2-Nitrophenol	7.72	139	157929	43.478	ng		94
27) 2,4-Dimethylphenol	7.75	122	228273	41.771	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	358312	42.363	ng		99
29) 2,4-Dichlorophenol	7.96	162	247470	42.888	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	268041	40.751	ng		99
31) Naphthalene	8.11	128	846353	43.660	ng		99
32) Benzoic acid	7.90	122	134842	34.997	ng		99
33) 4-Chloroaniline	8.17	127	364605	42.095	ng		98
34) Hexachlorobutadiene	8.23	225	153933	40.631	ng		100
35) Caprolactam	8.54	113	80118	42.930	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	263745	43.937	ng		94
37) 2-Methylnaphthalene	8.80	142	548914	42.995	ng		99
38) 1-Methylnaphthalene	8.90	142	531415	43.999	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	248496	41.383	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	98893	39.891 ng	98
43) 2,4,6-Trichlorophenol	9.09	196	149628	36.202 ng	99
44) 2,4,5-Trichlorophenol	9.14	196	153732	35.982 ng	97
46) 1,1'-Biphenyl	9.26	154	677372	42.716 ng	99
47) 2-Chloronaphthalene	9.29	162	545913	41.363 ng	99
48) 2-Nitroaniline	9.39	65	183955	42.167 ng	90
49) Acenaphthylene	9.70	152	827779	42.990 ng	98
50) Dimethylphthalate	9.56	163	638957	41.779 ng	100
51) 2,6-Dinitrotoluene	9.63	165	141713	42.639 ng	92
52) Acenaphthene	9.87	154	507328	42.948 ng	99
53) 3-Nitroaniline	9.81	138	167020	40.670 ng	91
54) 2,4-Dinitrophenol	9.93	184	47776m	33.315 ng	
55) Dibenzofuran	10.05	168	714839	41.612 ng	99
56) 4-Nitrophenol	9.99	139	94143	35.786 ng	99
57) 2,4-Dinitrotoluene	10.05	165	181704	41.062 ng	92
58) Fluorene	10.39	166	594965	45.016 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	132739	36.928 ng	99
60) Diethylphthalate	10.26	149	609966	42.719 ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	297527	44.449 ng	98
62) 4-Nitroaniline	10.42	138	169512	39.941 ng	98
63) Azobenzene	10.54	77	646358	44.011 ng	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	83486	39.351 ng	99
66) n-Nitrosodiphenylamine	10.50	169	518674	43.043 ng	99
67) 4-Bromophenyl-phenylether	10.87	248	180314	42.073 ng	99
68) Hexachlorobenzene	10.95	284	207192	41.808 ng	98
69) Atrazine	11.03	200	187629	47.330 ng	100
70) Pentachlorophenol	11.15	266	81342	33.808 ng	97
71) Phenanthrene	11.35	178	890915	43.530 ng	99
72) Anthracene	11.40	178	910208	43.944 ng	99
73) Carbazole	11.56	167	842501	44.833 ng	99
74) Di-n-butylphthalate	11.88	149	967554	44.137 ng	99
75) Fluoranthene	12.55	202	941394	43.936 ng	99
77) Benzidine	12.66	184	362358	35.022 ng	98
78) Pyrene	12.77	202	973177	42.155 ng	100
80) Butylbenzylphthalate	13.37	149	406172	41.593 ng	95
81) Benzo(a)anthracene	13.96	228	842219	43.026 ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	291444	42.856 ng	98
83) Chrysene	14.00	228	816942	42.988 ng	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	548331	43.209 ng	99
85) Di-n-octyl phthalate	14.54	149	837158	41.533 ng	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	631874	39.588 ng	100
88) Benzo(b)fluoranthene	15.00	252	679818	39.745 ng	99
89) Benzo(k)fluoranthene	15.03	252	724609	43.494 ng	99
90) Benzo(a)pyrene	15.37	252	637199	41.674 ng	99
91) Dibenzo(a,h)anthracene	16.88	278	520344	39.315 ng	99
92) Benzo(g,h,i)perylene	17.32	276	500146	38.478 ng	98

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

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