Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112997.D
Acq On : 12 Mar 2019 11:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
3/12/2019 4:29:20 PM

Quant Time: Mar 12 12:12:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	128314	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	517004	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	266767	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	557060	20.00	ng		0.00
76) Chrysene-d12	13.87	240	398574	20.00	ng		0.00
87) Perylene-d12	15.27	264	348734	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	627158	76.03	ng		-0.01
7) Phenol-d6	6.37	99	790622	76.30	ng		0.00
23) Nitrobenzene-d5	7.29	82	704935	81.59	ng		-0.01
42) 2,4,6-Tribromophenol	10.55	330	270022	95.34	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1320644	81.01	ng		0.00
79) Terphenyl-d14	12.82	244	1519987	73.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	149513	36.159	ng		96
3) Pyridine	3.06	79	395438	35.747	ng		98
4) n-Nitrosodimethylamine	2.98	42	135049	27.908	ng		90
6) Aniline	6.39	93	516352	36.202	ng	#	84
8) 2-Chlorophenol	6.52	128	356568	38.832	ng		94
9) Benzaldehyde	6.27	77	234588	31.420	ng		99
10) Phenol	6.38	94	451593	37.348	ng		90
11) bis(2-Chloroethyl)ether	6.46	93	333007	35.881	ng		99
12) 1,3-Dichlorobenzene	6.67	146	377794	39.828	ng		98
13) 1,4-Dichlorobenzene	6.75	146	381061	40.058	ng		99
14) 1,2-Dichlorobenzene	6.90	146	363648	41.700	ng		98
15) Benzyl Alcohol	6.87	79	297099	37.601	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	543506	35.091	ng		97
17) 2-Methylphenol	6.99	107	282032	37.861	ng		96
18) Hexachloroethane	7.25	117	126402	34.688	ng		93
19) n-Nitroso-di-n-propylamine	7.15	70	231364	35.255	ng		98
20) 3+4-Methylphenols	7.15	107	339376	40.353	ng	#	85
22) Acetophenone	7.14	105	486457	40.240	ng	#	93
24) Nitrobenzene	7.31	77	373263	38.815	ng		99
25) Isophorone	7.55	82	670786	36.037	ng		99
26) 2-Nitrophenol	7.63	139	186403	46.565	ng		98
27) 2,4-Dimethylphenol	7.67	122	280811	37.706	ng		96
28) bis(2-Chloroethoxy)methane	7.76	93	422805	36.331	ng		99
29) 2,4-Dichlorophenol	7.87	162	308720	42.747	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	321426	41.421	ng		99
31) Naphthalene	8.03	128	1026495	39.991	ng		99
32) Benzoic acid	7.78	122	222175	42.564	ng		91
33) 4-Chloroaniline	8.08	127	440200	40.490	ng		98
34) Hexachlorobutadiene	8.16	225	190636	43.560	ng		98
35) Caprolactam	8.45	113	107830	42.392	ng		99
36) 4-Chloro-3-methylphenol	8.57	107	327954	41.032	ng		95
37) 2-Methylnaphthalene	8.73	142	685651	41.364	ng		99
38) 1-Methylnaphthalene	8.82	142	662168	41.238	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	325175	41.801	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	43655	10.248	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	212295	39.653	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	239092	41.316	ng		98
46) 1,1'-Biphenyl	9.19	154	864884	39.748	ng		99
47) 2-Chloronaphthalene	9.21	162	660180	38.857	ng		99
48) 2-Nitroaniline	9.30	65	220976	42.789	ng		98
49) Acenaphthylene	9.62	152	1123416	38.949	ng		99
50) Dimethylphthalate	9.49	163	773162	39.306	ng		99
51) 2,6-Dinitrotoluene	9.55	165	179244	43.760	ng		84
52) Acenaphthene	9.80	154	638452	37.851	ng		99
53) 3-Nitroaniline	9.72	138	219360	43.950	ng		99
54) 2,4-Dinitrophenol	9.82	184	26079	20.763	ng		95
55) Dibenzofuran	9.97	168	980012	39.976	ng		96
56) 4-Nitrophenol	9.88	139	163809	40.383	ng		87
57) 2,4-Dinitrotoluene	9.95	165	240779	47.290	ng	#	82
58) Fluorene	10.31	166	719454	41.349	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	209957	43.548	ng		94
60) Diethylphthalate	10.19	149	793164	38.179	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	360033	44.473	ng		92
62) 4-Nitroaniline	10.32	138	216844	47.016	ng		96
63) Azobenzene	10.46	77	773121	36.333	ng		93
65) 4,6-Dinitro-2-methylphenol	10.36	198	46061	22.803	ng		78
66) n-Nitrosodiphenylamine	10.42	169	681671	38.156	ng		100
67) 4-Bromophenyl-phenylether	10.79	248	241998	41.244	ng	#	90
68) Hexachlorobenzene	10.86	284	279857	42.312	ng	#	86
69) Atrazine	10.95	200	218998	40.024	ng		98
70) Pentachlorophenol	11.05	266	152960	39.292	ng		99
71) Phenanthrene	11.26	178	1103839	39.827	ng		99
72) Anthracene	11.32	178	1137894	39.221	ng		99
73) Carbazole	11.47	167	1076713	38.044	ng		99
74) Di-n-butylphthalate	11.81	149	1337777	39.421	ng		99
75) Fluoranthene	12.44	202	1119579	37.703	ng		98
77) Benzidine	12.57	184	563781	27.264	ng		98
78) Pyrene	12.67	202	1128136	33.575	ng		100
80) Butylbenzylphthalate	13.29	149	524601	35.371	ng		96
81) Benzo(a)anthracene	13.86	228	924079	33.452	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	398915	38.183	ng		97
83) Chrysene	13.89	228	975774	36.062	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	673863	38.735	ng		100
85) Di-n-octyl phthalate	14.46	149	1235134	41.347	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	755065	32.732	ng		96
88) Benzo(b)fluoranthene	14.87	252	882784	39.136	ng		97
89) Benzo(k)fluoranthene	14.90	252	833478m	40.792	ng		
90) Benzo(a)pyrene	15.22	252	764450	38.314	ng		97
91) Dibenzo(a,h)anthracene	16.64	278	638652	37.512	ng		97
92) Benzo(g,h,i)perylene	17.04	276	599495	35.067	ng		97

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

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