Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032919\
Data File : BF113410.D
Acq On : 29 Mar 2019 13:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/1/2019 5:46:27 PM

Quant Time: Mar 30 01:08:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	154475	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	605510	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	289306	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	570201	20.00	ng	0.00
76) Chrysene-d12	13.84	240	394302	20.00	ng	0.00
87) Perylene-d12	15.24	264	312973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	753031	79.71	ng	0.00
7) Phenol-d6	6.36	99	934217	78.17	ng	0.00
23) Nitrobenzene-d5	7.27	82	859585	84.26	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	289355	80.97	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1531263	82.42	ng	0.00
79) Terphenyl-d14	12.79	244	1626203	90.91	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.36	88	177573	37.046	ng	99
3) Pyridine	3.07	79	464621	39.320	ng	97
4) n-Nitrosodimethylamine	3.01	42	194533	37.032	ng	89
6) Aniline	6.37	93	578043	39.717	ng	95
8) 2-Chlorophenol	6.49	128	437050	39.838	ng	98
9) Benzaldehyde	6.25	77	316606	39.478	ng	99
10) Phenol	6.37	94	530900	38.910	ng	99
11) bis(2-Chloroethyl)ether	6.44	93	412963	39.485	ng	99
12) 1,3-Dichlorobenzene	6.65	146	466924	39.484	ng	99
13) 1,4-Dichlorobenzene	6.72	146	471024	41.252	ng	100
14) 1,2-Dichlorobenzene	6.87	146	429367	38.223	ng	99
15) Benzyl Alcohol	6.85	79	327164	41.495	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	644376	41.012	ng	99
17) 2-Methylphenol	6.97	107	346883	40.346	ng	98
18) Hexachloroethane	7.22	117	170697	41.622	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	281532	37.502	ng	98
20) 3+4-Methylphenols	7.13	107	416980	41.670	ng	98
22) Acetophenone	7.12	105	547099	39.619	ng	99
24) Nitrobenzene	7.29	77	446178	41.912	ng	94
25) Isophorone	7.53	82	796848	40.305	ng	97
26) 2-Nitrophenol	7.60	139	241473	42.913	ng	97
27) 2,4-Dimethylphenol	7.65	122	338948	41.874	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	522457	41.964	ng	99
29) 2,4-Dichlorophenol	7.86	162	366023	41.728	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	392796	41.505	ng	97
31) Naphthalene	8.01	128	1220423	41.245	ng	100
32) Benzoic acid	7.79	122	236249m	36.259	ng	
33) 4-Chloroaniline	8.06	127	508239	44.047	ng	97
34) Hexachlorobutadiene	8.13	225	234944	41.769	ng	100
35) Caprolactam	8.44	113	117070	41.585	ng	98
36) 4-Chloro-3-methylphenol	8.55	107	365900	41.473	ng	98
37) 2-Methylnaphthalene	8.70	142	788807	42.724	ng	100
38) 1-Methylnaphthalene	8.80	142	758587	42.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	383309	41.275	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	117890	29.991	ng		98
43) 2,4,6-Trichlorophenol	8.99	196	246042	40.685	ng		99
44) 2,4,5-Trichlorophenol	9.03	196	268452	40.112	ng		100
46) 1,1'-Biphenyl	9.16	154	975075	40.355	ng		99
47) 2-Chloronaphthalene	9.19	162	745505	40.072	ng		99
48) 2-Nitroaniline	9.29	65	232708	39.859	ng		96
49) Acenaphthylene	9.60	152	1226713	40.780	ng		100
50) Dimethylphthalate	9.46	163	864187	40.307	ng		100
51) 2,6-Dinitrotoluene	9.53	165	193547	40.016	ng		97
52) Acenaphthene	9.77	154	688157	40.623	ng		100
53) 3-Nitroaniline	9.70	138	223204	40.921	ng		98
54) 2,4-Dinitrophenol	9.81	184	88384	36.740	ng		90
55) Dibenzofuran	9.94	168	1029122	40.410	ng		99
56) 4-Nitrophenol	9.87	139	142897	36.747	ng		88
57) 2,4-Dinitrotoluene	9.93	165	246051	40.002	ng		99
58) Fluorene	10.29	166	798152	40.344	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.07	232	233154	41.196	ng		97
60) Diethylphthalate	10.16	149	825634	39.255	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	392285	40.684	ng		94
62) 4-Nitroaniline	10.30	138	229418	40.851	ng		98
63) Azobenzene	10.43	77	802684	40.543	ng		97
65) 4,6-Dinitro-2-methylphenol	10.35	198	117526	37.678	ng		96
66) n-Nitrosodiphenylamine	10.39	169	709900	40.573	ng		100
67) 4-Bromophenyl-phenylether	10.76	248	256992	41.352	ng		95
68) Hexachlorobenzene	10.83	284	295920	41.022	ng	#	93
69) Atrazine	10.92	200	232312	42.065	ng		97
70) Pentachlorophenol	11.03	266	146514	38.984	ng		97
71) Phenanthrene	11.24	178	1150251	40.622	ng		100
72) Anthracene	11.29	178	1178638	40.979	ng		99
73) Carbazole	11.45	167	1140398	41.552	ng		99
74) Di-n-butylphthalate	11.78	149	1298321	40.794	ng		99
75) Fluoranthene	12.42	202	1248031	38.987	ng		99
77) Benzidine	12.55	184	653779	43.297	ng		99
78) Pyrene	12.65	202	1255748	45.958	ng		100
80) Butylbenzylphthalate	13.27	149	506118	42.030	ng		94
81) Benzo(a)anthracene	13.83	228	935599	41.452	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	378903	41.846	ng		99
83) Chrysene	13.87	228	951996	41.526	ng		100
84) Bis(2-ethylhexyl)phthalate	13.83	149	601762	40.764	ng		98
85) Di-n-octyl phthalate	14.43	149	961360	38.366	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	824479	41.905	ng		98
88) Benzo(b)fluoranthene	14.85	252	792168	40.746	ng		99
89) Benzo(k)fluoranthene	14.87	252	708554	41.500	ng		98
90) Benzo(a)pyrene	15.19	252	700581	40.647	ng		100
91) Dibenzo(a,h)anthracene	16.61	278	680093	45.634	ng		99
92) Benzo(g,h,i)perylene	17.01	276	696927	46.379	ng		98

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

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