Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107116.D
Acq On : 5 Jul 2018 10:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/6/2018 8:44:50 AM

Quant Time: Jul 05 11:41:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69134	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	278306	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	142512	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	280917	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	214836	20.00	ng		-0.02
86) Perylene-d12	15.67	264	179758	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	327010	80.10	ng		-0.01
7) Phenol-d6	6.60	99	407427	79.91	ng		-0.01
23) Nitrobenzene-d5	7.52	82	391090	78.09	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	136600	82.70	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	713025	84.62	ng		-0.02
78) Terphenyl-d14	13.07	244	808453	91.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	77235	36.796	ng		98
3) Pyridine	3.60	79	212381	37.308	ng		98
4) n-Nitrosodimethylamine	3.58	42	87202	36.067	ng		88
6) Aniline	6.62	93	264254	38.208	ng	#	75
8) 2-Chlorophenol	6.75	128	182957	40.857	ng		95
9) Benzaldehyde	6.51	77	122137	33.825	ng		99
10) Phenol	6.61	94	221335	38.039	ng	#	69
11) bis(2-Chloroethyl)ether	6.68	93	187957	39.128	ng		99
12) 1,3-Dichlorobenzene	6.89	146	214699	40.936	ng		97
13) 1,4-Dichlorobenzene	6.97	146	215520	40.645	ng		98
14) 1,2-Dichlorobenzene	7.12	146	199080	40.967	ng		98
15) Benzyl Alcohol	7.10	79	153711	37.546	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	224870	35.679	ng	#	24
17) 2-Methylphenol	7.21	107	162591	42.428	ng	#	92
18) Hexachloroethane	7.45	117	73245	39.280	ng		92
19) n-Nitroso-di-n-propylamine	7.36	70	128275	38.168	ng		94
20) 3+4-Methylphenols	7.37	107	182801	43.880	ng	#	71
22) Acetophenone	7.36	105	254909	40.940	ng	#	95
24) Nitrobenzene	7.54	77	195885	38.312	ng		97
25) Isophorone	7.77	82	335537	38.023	ng		99
26) 2-Nitrophenol	7.85	139	101298	41.969	ng		95
27) 2,4-Dimethylphenol	7.89	122	150798	40.422	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	229948	38.809	ng		98
29) 2,4-Dichlorophenol	8.10	162	164340	42.077	ng		92
30) 1,2,4-Trichlorobenzene	8.17	180	188315	43.768	ng		96
31) Naphthalene	8.26	128	527623	40.550	ng		99
32) Benzoic acid	8.03	122	81487m	32.175	ng		
33) 4-Chloroaniline	8.31	127	221889	40.642	ng		99
34) Hexachlorobutadiene	8.36	225	124323	44.345	ng		99
35) Caprolactam	8.69	113	50385	39.575	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	166386	40.473	ng		96
37) 2-Methylnaphthalene	8.95	142	370686	42.981	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	201510	41.987	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	113889	46.123	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	111098	34.825	ng		95
43) 2,4,5-Trichlorophenol	9.28	196	117103	35.178	ng	#	88
45) 1,1'-Biphenyl	9.41	154	463870	40.843	ng		98
46) 2-Chloronaphthalene	9.44	162	337319	37.731	ng		95
47) 2-Nitroaniline	9.54	65	108955	36.243	ng		94
48) Acenaphthylene	9.86	152	529878	37.542	ng		99
49) Dimethylphthalate	9.71	163	398353	37.269	ng		98
50) 2,6-Dinitrotoluene	9.78	165	89850	39.698	ng		89
51) Acenaphthene	10.03	154	336185	37.824	ng		97
52) 3-Nitroaniline	9.96	138	99943	38.373	ng		99
53) 2,4-Dinitrophenol	10.07	184	44958m	41.001	ng		
54) Dibenzofuran	10.20	168	487592	40.064	ng		97
55) 4-Nitrophenol	10.14	139	60682m	33.379	ng		
56) 2,4-Dinitrotoluene	10.19	165	116664	39.490	ng		94
57) Fluorene	10.55	166	393469	40.742	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	94532	35.724	ng	#	77
59) Diethylphthalate	10.41	149	375483	36.397	ng	#	92
60) 4-Chlorophenyl-phenylether	10.53	204	210845	41.725	ng	#	84
61) 4-Nitroaniline	10.58	138	99063	38.325	ng		96
62) Azobenzene	10.70	77	352118	34.661	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	64985	37.424	ng	#	74
65) n-Nitrosodiphenylamine	10.65	169	356653	37.746	ng		100
66) 4-Bromophenyl-phenylether	11.02	248	140225	41.826	ng	#	76
67) Hexachlorobenzene	11.10	284	149519	42.611	ng	#	83
68) Atrazine	11.18	200	119634	39.828	ng		96
69) Pentachlorophenol	11.30	266	62762	35.847	ng		98
70) Phenanthrene	11.51	178	566588	41.817	ng		99
71) Anthracene	11.57	178	578432	41.825	ng		100
72) Carbazole	11.72	167	518682	40.059	ng		98
73) Di-n-butylphthalate	12.03	149	563694	36.954	ng		99
74) Fluoranthene	12.71	202	613091	41.054	ng		96
76) Benzidine	12.82	184	219100	35.810	ng		98
77) Pyrene	12.94	202	626933	44.253	ng		100
79) Butylbenzylphthalate	13.54	149	224477	38.539	ng	#	92
80) Benzo(a)anthracene	14.13	228	525511	40.135	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	167914	36.488	ng	#	96
82) Chrysene	14.17	228	482693	40.071	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	260322	34.958	ng	#	96
84) Di-n-octyl phthalate	14.71	149	424417	34.965	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	444411	43.473	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	456327	40.866	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	393850	37.038	ng	#	96
89) Benzo(a)pyrene	15.61	252	387385	39.024	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	372350	44.260	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	378499	46.030	ng	#	88

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

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