Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
Data File : BF107883.D
Acq On : 1 Aug 2018 12:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/2/2018 9:16:55 AM

Quant Time: Aug 01 16:42:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	153834	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	684829	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	308952	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	643293	20.00	ng		0.00
75) Chrysene-d12	14.15	240	447003	20.00	ng		0.00
86) Perylene-d12	15.69	264	366790	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	729317	80.57	ng		0.00
7) Phenol-d6	6.61	99	897925	75.27	ng		0.00
23) Nitrobenzene-d5	7.54	82	899761	75.69	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	310005	73.85	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1675420	75.57	ng		0.00
78) Terphenyl-d14	13.08	244	1686663	81.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	163247	39.595	ng		87
3) Pyridine	3.61	79	326925	33.013	ng	#	83
4) n-Nitrosodimethylamine	3.59	42	151654m	32.929	ng		
6) Aniline	6.64	93	504541	40.663	ng	#	76
8) 2-Chlorophenol	6.75	128	428188	37.660	ng		96
9) Benzaldehyde	6.52	77	290703m	40.390	ng		
10) Phenol	6.62	94	567202	39.871	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	466748	36.897	ng		95
12) 1,3-Dichlorobenzene	6.91	146	452565	37.951	ng		98
13) 1,4-Dichlorobenzene	6.98	146	527070	39.705	ng		98
14) 1,2-Dichlorobenzene	7.13	146	486763	39.502	ng		99
15) Benzyl Alcohol	7.11	79	283806	38.276	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	683154	37.562	ng		71
17) 2-Methylphenol	7.22	107	335073	39.922	ng	#	83
18) Hexachloroethane	7.47	117	172857	36.228	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	293447	38.778	ng		99
20) 3+4-Methylphenols	7.38	107	377350	36.619	ng	#	55
22) Acetophenone	7.38	105	593958	36.050	ng	#	92
24) Nitrobenzene	7.55	77	462955	37.141	ng		98
25) Isophorone	7.78	82	712884	36.534	ng		97
26) 2-Nitrophenol	7.87	139	237068	37.897	ng		98
27) 2,4-Dimethylphenol	7.90	122	322287	38.481	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	511748	39.796	ng		98
29) 2,4-Dichlorophenol	8.11	162	366491	38.686	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	411500	38.076	ng		98
31) Naphthalene	8.27	128	1203550	37.807	ng		99
32) Benzoic acid	8.02	122	75961	14.494	ng	#	82
33) 4-Chloroaniline	8.32	127	533105	39.206	ng		99
34) Hexachlorobutadiene	8.37	225	236685	35.440	ng		98
35) Caprolactam	8.70	113	101940	35.745	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	394564	38.349	ng		99
37) 2-Methylnaphthalene	8.96	142	777036	38.859	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	416731	39.562	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	138863	35.201	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	240597	41.316	ng		100
43) 2,4,5-Trichlorophenol	9.30	196	265078	37.811	ng		94
45) 1,1'-Biphenyl	9.42	154	1096275	38.991	ng		99
46) 2-Chloronaphthalene	9.45	162	830535	39.171	ng		97
47) 2-Nitroaniline	9.56	65	273335	39.633	ng		89
48) Acenaphthylene	9.87	152	1224092	37.240	ng		100
49) Dimethylphthalate	9.72	163	880467	37.947	ng		100
50) 2,6-Dinitrotoluene	9.80	165	200367	39.737	ng		95
51) Acenaphthene	10.04	154	705419	36.944	ng		99
52) 3-Nitroaniline	9.98	138	249610	39.284	ng		95
53) 2,4-Dinitrophenol	10.10	184	71282	32.433	ng	#	35
54) Dibenzofuran	10.21	168	1114079	37.749	ng		99
55) 4-Nitrophenol	10.16	139	84343	34.234	ng		88
56) 2,4-Dinitrotoluene	10.20	165	249747	37.684	ng	#	94
57) Fluorene	10.56	166	838779	36.570	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	237927	36.950	ng	#	79
59) Diethylphthalate	10.42	149	901024	36.118	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	462203	36.992	ng		92
61) 4-Nitroaniline	10.60	138	222770	39.507	ng		93
62) Azobenzene	10.71	77	859038	36.974	ng		94
64) 4,6-Dinitro-2-methylphenol	10.62	198	116942	33.415	ng		86
65) n-Nitrosodiphenylamine	10.67	169	799255	37.733	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	289372	38.594	ng	#	87
67) Hexachlorobenzene	11.11	284	306848	36.905	ng	#	87
68) Atrazine	11.19	200	233714	37.280	ng		96
69) Pentachlorophenol	11.31	266	134437	32.846	ng		100
70) Phenanthrene	11.52	178	1142326	37.397	ng		99
71) Anthracene	11.58	178	1308003	37.125	ng		100
72) Carbazole	11.74	167	1333097	38.288	ng		99
73) Di-n-butylphthalate	12.04	149	1362845	35.879	ng		100
74) Fluoranthene	12.72	202	1300331	36.236	ng		98
76) Benzidine	12.85	184	517954	35.838	ng		98
77) Pyrene	12.95	202	1300447	40.402	ng		98
79) Butylbenzylphthalate	13.55	149	550375	39.046	ng		93
80) Benzo(a)anthracene	14.14	228	955652	37.741	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	359680	36.644	ng	#	97
82) Chrysene	14.18	228	1024683	37.519	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	631093	35.615	ng		99
84) Di-n-octyl phthalate	14.72	149	998425	35.103	ng		97
85) Indeno(1,2,3-cd)pyrene	17.28	276	825367	39.731	ng		93
87) Benzo(b)fluoranthene	15.23	252	649542	35.906	ng		98
88) Benzo(k)fluoranthene	15.26	252	865632	38.975	ng		98
89) Benzo(a)pyrene	15.62	252	689866	36.940	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	693151	42.550	ng		96
91) Benzo(g,h,i)perylene	17.76	276	678429	43.041	ng		94

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

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