Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
Data File : BF107849.D
Acq On : 31 Jul 2018 15:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/1/2018 3:56:58 PM

Quant Time: Jul 31 16:49:23 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	176164	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	799822	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	365394	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	776738	20.00	ng		0.00
75) Chrysene-d12	14.17	240	595302	20.00	ng		0.02
86) Perylene-d12	15.74	264	506541	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	825917	79.68	ng		0.00
7) Phenol-d6	6.61	99	1047427	76.67	ng		0.00
23) Nitrobenzene-d5	7.54	82	1054432	75.95	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	369098	74.34	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1946930	74.25	ng		0.00
78) Terphenyl-d14	13.08	244	2012137	73.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	183487	38.970	ng	#	86
3) Pyridine	3.61	79	436625	37.462	ng		89
4) n-Nitrosodimethylamine	3.59	42	174790m	33.142	ng		
6) Aniline	6.64	93	582236	40.976	ng	#	75
8) 2-Chlorophenol	6.75	128	493198	37.879	ng		93
9) Benzaldehyde	6.52	77	269235	32.665	ng		96
10) Phenol	6.62	94	663917	40.753	ng		93
11) bis(2-Chloroethyl)ether	6.70	93	534297m	36.883	ng		
12) 1,3-Dichlorobenzene	6.90	146	521710	38.204	ng		96
13) 1,4-Dichlorobenzene	6.98	146	593353	39.033	ng		99
14) 1,2-Dichlorobenzene	7.13	146	488723	34.634	ng		98
15) Benzyl Alcohol	7.11	79	337237	39.717	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	793496	38.099	ng		69
17) 2-Methylphenol	7.22	107	394490	41.043	ng	#	79
18) Hexachloroethane	7.47	117	200763	36.743	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	344614	39.767	ng		97
20) 3+4-Methylphenols	7.38	107	504841	42.781	ng	#	61
22) Acetophenone	7.38	105	695921	36.165	ng	#	91
24) Nitrobenzene	7.55	77	547618	37.617	ng		98
25) Isophorone	7.78	82	850586	37.324	ng		99
26) 2-Nitrophenol	7.87	139	298738	40.889	ng		98
27) 2,4-Dimethylphenol	7.90	122	366785	37.498	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	595299	39.637	ng		99
29) 2,4-Dichlorophenol	8.11	162	431021	38.956	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	470110	37.245	ng		98
31) Naphthalene	8.27	128	1440860	38.755	ng		99
32) Benzoic acid	8.04	122	240385m	36.682	ng		
33) 4-Chloroaniline	8.32	127	615145	38.735	ng		98
34) Hexachlorobutadiene	8.37	225	274483	35.190	ng		99
35) Caprolactam	8.70	113	132208	39.693	ng	#	80
36) 4-Chloro-3-methylphenol	8.81	107	460026	38.284	ng		99
37) 2-Methylnaphthalene	8.96	142	912312	39.064	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	480640	38.580	ng	#	97
40) Hexachlorocyclopentadiene	9.10	237	148022	32.458	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	284612	41.324	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	313385	37.797	ng		98
45) 1,1'-Biphenyl	9.42	154	1268613	38.150	ng		99
46) 2-Chloronaphthalene	9.45	162	975344	38.895	ng		97
47) 2-Nitroaniline	9.56	65	324946	39.839	ng		89
48) Acenaphthylene	9.87	152	1433195	36.866	ng		99
49) Dimethylphthalate	9.72	163	1044428	38.060	ng		99
50) 2,6-Dinitrotoluene	9.80	165	234829	39.378	ng		93
51) Acenaphthene	10.04	154	817420	36.197	ng		99
52) 3-Nitroaniline	9.98	138	300757	40.023	ng		95
53) 2,4-Dinitrophenol	10.09	184	100041	36.912	ng	#	40
54) Dibenzofuran	10.21	168	1298368	37.198	ng		98
55) 4-Nitrophenol	10.16	139	92994	32.545	ng		90
56) 2,4-Dinitrotoluene	10.20	165	300750	38.370	ng	#	93
57) Fluorene	10.56	166	994561	36.664	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.34	232	302510	39.723	ng	#	80
59) Diethylphthalate	10.42	149	1076479	36.486	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	546268	36.967	ng		93
61) 4-Nitroaniline	10.60	138	255874	38.368	ng		95
62) Azobenzene	10.71	77	1039065	37.814	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	166270	39.348	ng		86
65) n-Nitrosodiphenylamine	10.67	169	941883	36.827	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	342522	37.834	ng	#	88
67) Hexachlorobenzene	11.11	284	357991	35.659	ng	#	85
68) Atrazine	11.19	200	283830	37.496	ng		96
69) Pentachlorophenol	11.31	266	183964	37.224	ng		100
70) Phenanthrene	11.52	178	1348618	36.566	ng		99
71) Anthracene	11.58	178	1556404	36.586	ng		100
72) Carbazole	11.74	167	1623758	38.624	ng		99
73) Di-n-butylphthalate	12.04	149	1652126	36.023	ng		99
74) Fluoranthene	12.72	202	1592413	36.752	ng		98
76) Benzidine	12.85	184	825106	42.868	ng		99
77) Pyrene	12.95	202	1598212	37.283	ng		99
79) Butylbenzylphthalate	13.55	149	716035	38.144	ng		92
80) Benzo(a)anthracene	14.16	228	1270319	37.671	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	491326	37.586	ng		97
82) Chrysene	14.20	228	1358012	37.336	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	862723	36.558	ng		100
84) Di-n-octyl phthalate	14.76	149	1435132	37.888	ng		98
85) Indeno(1,2,3-cd)pyrene	17.33	276	967558	34.973	ng		94
87) Benzo(b)fluoranthene	15.27	252	989833	39.621	ng		98
88) Benzo(k)fluoranthene	15.30	252	1074602	35.035	ng		98
89) Benzo(a)pyrene	15.67	252	939073	36.411	ng		99
90) Dibenzo(a,h)anthracene	17.34	278	807514	35.895	ng		95
91) Benzo(g,h,i)perylene	17.81	276	795617	36.550	ng		94

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

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