Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107606.D
Acq On : 24 Jul 2018 00:16
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/24/2018 5:26:25 PM

Quant Time: Jul 24 05:13:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	198606	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	725146	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	275698	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	553658	20.00	ng		0.00
75) Chrysene-d12	14.17	240	442494	20.00	ng		0.00
86) Perylene-d12	15.71	264	353152	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	939301	76.04	ng		0.00
7) Phenol-d6	6.61	99	1091001	73.56	ng		0.00
23) Nitrobenzene-d5	7.54	82	975572	90.79	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	267310	85.26	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1661421	112.66	ng		0.00
78) Terphenyl-d14	13.10	244	1656388	95.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	220582	38.365	ng	#	85
3) Pyridine	3.60	79	566510	36.219	ng	#	81
4) n-Nitrosodimethylamine	3.57	42	210883	31.967	ng		98
6) Aniline	6.64	93	688478	35.989	ng	#	86
8) 2-Chlorophenol	6.77	128	520657	39.342	ng		95
9) Benzaldehyde	6.53	77	362916	40.754	ng		98
10) Phenol	6.62	94	614107	35.205	ng		95
11) bis(2-Chloroethyl)ether	6.71	93	473468	32.739	ng		94
12) 1,3-Dichlorobenzene	6.92	146	573552	38.225	ng		99
13) 1,4-Dichlorobenzene	7.00	146	613040	39.863	ng		99
14) 1,2-Dichlorobenzene	7.15	146	548668	39.755	ng		99
15) Benzyl Alcohol	7.12	79	382286	37.818	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	883354	36.206	ng		92
17) 2-Methylphenol	7.23	107	399215	35.492	ng		96
18) Hexachloroethane	7.49	117	140439	26.036	ng		97
19) n-Nitroso-di-n-propylamine	7.38	70	344725	35.977	ng		98
20) 3+4-Methylphenols	7.38	107	481116	36.021	ng	#	56
22) Acetophenone	7.38	105	680740	39.973	ng	#	87
24) Nitrobenzene	7.56	77	511949	41.599	ng		98
25) Isophorone	7.80	82	785716	34.248	ng		98
26) 2-Nitrophenol	7.88	139	182593	35.134	ng		99
27) 2,4-Dimethylphenol	7.91	122	345662	35.137	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	564512	36.819	ng		100
29) 2,4-Dichlorophenol	8.12	162	372111	37.008	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	422682	37.428	ng		99
31) Naphthalene	8.28	128	1191426	37.363	ng		99
32) Benzoic acid	8.00	122	140141m	24.947	ng		
33) 4-Chloroaniline	8.34	127	541499	38.852	ng		99
34) Hexachlorobutadiene	8.39	225	268858	40.065	ng		97
35) Caprolactam	8.70	113	106869	32.677	ng	#	81
36) 4-Chloro-3-methylphenol	8.81	107	375063	33.580	ng		96
37) 2-Methylnaphthalene	8.97	142	776903	35.159	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	385883	41.964	ng	#	97
42) 2,4,6-Trichlorophenol	9.25	196	229054	38.915	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	248713	40.430	ng		95
45) 1,1'-Biphenyl	9.44	154	1014277	42.232	ng		99
46) 2-Chloronaphthalene	9.47	162	741787	40.408	ng		99
47) 2-Nitroaniline	9.57	65	269547	50.365	ng		89
48) Acenaphthylene	9.88	152	1114938	40.431	ng		99
49) Dimethylphthalate	9.73	163	842408	40.543	ng		100
50) 2,6-Dinitrotoluene	9.80	165	150274	36.427	ng		93
51) Acenaphthene	10.05	154	657076	38.029	ng		99
52) 3-Nitroaniline	9.98	138	249201	49.654	ng		98
53) 2,4-Dinitrophenol	10.10	184	2580	10.099	ng	#	1
54) Dibenzofuran	10.23	168	1004856	39.504	ng		98
55) 4-Nitrophenol	10.15	139	121229	32.263	ng		96
56) 2,4-Dinitrotoluene	10.21	165	174381	35.018	ng		96
57) Fluorene	10.57	166	745617	41.087	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.35	232	209089	40.839	ng	#	87
59) Diethylphthalate	10.43	149	855881	39.440	ng		98
60) 4-Chlorophenyl-phenylether	10.56	204	404859	39.463	ng		93
61) 4-Nitroaniline	10.60	138	267061	63.336	ng		91
62) Azobenzene	10.72	77	741256	36.428	ng		95
64) 4,6-Dinitro-2-methylphenol	10.62	198	7214	10.892	ng	#	62
65) n-Nitrosodiphenylamine	10.68	169	713752	37.958	ng		100
66) 4-Bromophenyl-phenylether	11.05	248	236505	36.288	ng	#	87
67) Hexachlorobenzene	11.12	284	268734	37.474	ng	#	84
68) Atrazine	11.20	200	201013	35.013	ng		99
69) Pentachlorophenol	11.32	266	139405	31.122	ng		99
70) Phenanthrene	11.54	178	1063351	39.413	ng		99
71) Anthracene	11.60	178	1128870	41.556	ng		99
72) Carbazole	11.75	167	1198660	42.433	ng		100
73) Di-n-butylphthalate	12.06	149	1357774	47.488	ng		100
74) Fluoranthene	12.74	202	1263167	43.630	ng		97
76) Benzidine	12.86	184	787281	61.781	ng		98
77) Pyrene	12.97	202	1288409	42.568	ng		99
79) Butylbenzylphthalate	13.57	149	628698	48.300	ng	#	88
80) Benzo(a)anthracene	14.16	228	988128	38.106	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	413043	58.629	ng	#	96
82) Chrysene	14.19	228	962553	38.642	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	818981	44.592	ng		99
84) Di-n-octyl phthalate	14.74	149	1327634	46.506	ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	753589	35.696	ng		94
87) Benzo(b)fluoranthene	15.25	252	697952	36.112	ng		98
88) Benzo(k)fluoranthene	15.28	252	764733	40.386	ng		97
89) Benzo(a)pyrene	15.64	252	665843	37.662	ng		98
90) Dibenzo(a,h)anthracene	17.31	278	633335	41.441	ng	#	95
91) Benzo(g,h,i)perylene	17.77	276	616611	40.904	ng		94

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

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