Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
Data File : BF108734.D
Acq On : 4 Sep 2018 12:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
9/5/2018 12:47:09 PM

Quant Time: Sep 04 13:01:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	95555	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	411836	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	211953	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	441195	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	334112	20.00	ng		-0.01
86) Perylene-d12	15.74	264	252592	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	391004m	71.09	ng		-0.02
7) Phenol-d6	6.62	99	591569	75.09	ng		-0.02
23) Nitrobenzene-d5	7.56	82	674826	83.17	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	206762	73.90	ng		-0.01
44) 2-Fluorobiphenyl	9.35	172	1345406	85.35	ng		-0.01
78) Terphenyl-d14	13.11	244	1461667	85.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	90185	35.280	ng		94
3) Pyridine	3.67	79	198432m	33.597	ng		
4) n-Nitrosodimethylamine	3.65	42	55353	18.788	ng		83
6) Aniline	6.68	93	295849	34.801	ng	#	87
8) 2-Chlorophenol	6.78	128	274780	40.857	ng		96
9) Benzaldehyde	6.57	77	178169m	36.590	ng		
10) Phenol	6.64	94	351147	38.223	ng		86
11) bis(2-Chloroethyl)ether	6.72	93	344153	42.543	ng		98
12) 1,3-Dichlorobenzene	6.94	146	291803	37.421	ng		99
13) 1,4-Dichlorobenzene	7.01	146	349144	41.018	ng		97
14) 1,2-Dichlorobenzene	7.16	146	339470	43.424	ng		99
15) Benzyl Alcohol	7.21	79	160837m	28.381	ng		
16) 2,2'-oxybis(1-Chloropropan	7.25	45	497085	40.054	ng		73
17) 2-Methylphenol	7.25	107	193554	37.015	ng	#	63
18) Hexachloroethane	7.50	117	119216	40.725	ng		92
19) n-Nitroso-di-n-propylamine	7.40	70	203609	38.593	ng		90
20) 3+4-Methylphenols	7.40	107	233050m	35.572	ng		
22) Acetophenone	7.41	105	392650	38.192	ng	#	89
24) Nitrobenzene	7.58	77	329911	40.101	ng		91
25) Isophorone	7.81	82	509171	37.778	ng		96
26) 2-Nitrophenol	7.90	139	139251	37.390	ng	#	86
27) 2,4-Dimethylphenol	7.92	122	195502	36.094	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	307438	36.109	ng		99
29) 2,4-Dichlorophenol	8.14	162	239274	37.236	ng		97
30) 1,2,4-Trichlorobenzene	8.21	180	281493	39.174	ng		97
31) Naphthalene	8.30	128	817044	41.652	ng		99
32) Benzoic acid	8.06	122	134774m	38.800	ng		
33) 4-Chloroaniline	8.36	127	294678	34.030	ng		99
34) Hexachlorobutadiene	8.40	225	183589	38.912	ng		99
35) Caprolactam	8.72	113	56155	32.796	ng	#	72
36) 4-Chloro-3-methylphenol	8.83	107	250493	36.320	ng		99
37) 2-Methylnaphthalene	8.99	142	498772	37.581	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	300137	39.887	ng	#	97
40) Hexachlorocyclopentadiene	9.13	237	100790	36.114	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	148525	33.332	ng		96
43) 2,4,5-Trichlorophenol	9.32	196	215880	41.546	ng		96
45) 1,1'-Biphenyl	9.45	154	730098	39.568	ng		97
46) 2-Chloronaphthalene	9.48	162	575434	39.835	ng		98
47) 2-Nitroaniline	9.59	65	177853	36.812	ng		87
48) Acenaphthylene	9.90	152	824537	38.988	ng		100
49) Dimethylphthalate	9.75	163	624135	37.395	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	137794	37.454	ng	#	84
51) Acenaphthene	10.07	154	469724	37.147	ng		98
52) 3-Nitroaniline	10.01	138	156459	39.312	ng		98
53) 2,4-Dinitrophenol	10.12	184	53644	42.882	ng	#	50
54) Dibenzofuran	10.24	168	758848	38.352	ng		95
55) 4-Nitrophenol	10.20	139	78502	33.838	ng	#	81
56) 2,4-Dinitrotoluene	10.23	165	183695	37.710	ng	#	90
57) Fluorene	10.59	166	582237	37.971	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	186166	39.993	ng	#	84
59) Diethylphthalate	10.44	149	618011	36.753	ng		97
60) 4-Chlorophenyl-phenylether	10.57	204	338604	38.915	ng		93
61) 4-Nitroaniline	10.64	138	143468	37.253	ng		90
62) Azobenzene	10.74	77	646550	38.684	ng		92
64) 4,6-Dinitro-2-methylphenol	10.64	198	67055	34.253	ng		86
65) n-Nitrosodiphenylamine	10.70	169	568749	38.801	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	216683	39.961	ng	#	88
67) Hexachlorobenzene	11.14	284	227782	38.991	ng	#	85
68) Atrazine	11.21	200	146745	32.445	ng		94
69) Pentachlorophenol	11.34	266	103853	33.456	ng		98
70) Phenanthrene	11.56	178	845500	37.967	ng		98
71) Anthracene	11.61	178	962788	41.146	ng		99
72) Carbazole	11.77	167	894627	39.541	ng		99
73) Di-n-butylphthalate	12.07	149	979281	37.620	ng		99
74) Fluoranthene	12.75	202	969472	38.676	ng		94
76) Benzidine	12.88	184	419141	44.567	ng		100
77) Pyrene	12.98	202	966820	38.494	ng		99
79) Butylbenzylphthalate	13.58	149	400318	37.905	ng		98
80) Benzo(a)anthracene	14.18	228	743461	36.501	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	299066	40.487	ng	#	96
82) Chrysene	14.21	228	790579	40.361	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	513579	37.833	ng		99
84) Di-n-octyl phthalate	14.75	149	762638	38.211	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	526025	38.622	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	539297	34.756	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	665391	43.289	ng	#	95
89) Benzo(a)pyrene	15.68	252	551685m	39.343	ng		
90) Dibenzo(a,h)anthracene	17.37	278	449351	40.123	ng	#	92
91) Benzo(g,h,i)perylene	17.85	276	425825	39.121	ng	#	89

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

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