Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107058.D
Acq On : 2 Jul 2018 22:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
7/3/2018 5:30:09 PM

Quant Time: Jul 03 02:15:47 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	6.96	152	58340	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	230633	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	111478	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	195262	20.00	ng		0.00
75) Chrysene-d12	14.15	240	153478	20.00	ng		-0.01
86) Perylene-d12	15.70	264	137433	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	277906	80.66	ng		0.00
7) Phenol-d6	6.61	99	332633	77.31	ng		0.00
23) Nitrobenzene-d5	7.52	82	306188	73.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	95291	73.75	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	581754	89.03	ng		-0.01
78) Terphenyl-d14	13.08	244	577802	91.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	63326	35.752	ng		98
3) Pyridine	3.57	79	173540	36.126	ng		97
4) n-Nitrosodimethylamine	3.54	42	66944	32.811	ng		79
6) Aniline	6.62	93	218489	37.436	ng	#	76
8) 2-Chlorophenol	6.75	128	149763	39.632	ng		96
9) Benzaldehyde	6.51	77	106568	35.379	ng		97
10) Phenol	6.62	94	181715	37.008	ng	#	69
11) bis(2-Chloroethyl)ether	6.69	93	151088	37.272	ng		99
12) 1,3-Dichlorobenzene	6.90	146	179600	40.579	ng		95
13) 1,4-Dichlorobenzene	6.98	146	179816	40.186	ng		97
14) 1,2-Dichlorobenzene	7.13	146	168698	41.138	ng		97
15) Benzyl Alcohol	7.10	79	124410	36.011	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	183641m	34.529	ng		
17) 2-Methylphenol	7.22	107	131665	40.715	ng	#	93
18) Hexachloroethane	7.47	117	43380	27.569	ng	#	88
19) n-Nitroso-di-n-propylamine	7.37	70	108435	38.234	ng		95
20) 3+4-Methylphenols	7.37	107	156901	44.923	ng	#	69
22) Acetophenone	7.37	105	210508	40.797	ng	#	98
24) Nitrobenzene	7.55	77	157365	37.141	ng		98
25) Isophorone	7.78	82	267832	36.624	ng		98
26) 2-Nitrophenol	7.86	139	56692	28.344	ng		96
27) 2,4-Dimethylphenol	7.90	122	120238	38.892	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	187854	38.259	ng		99
29) 2,4-Dichlorophenol	8.11	162	127476	39.385	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	151181	42.400	ng		98
31) Naphthalene	8.27	128	424027	39.324	ng		99
32) Benzoic acid	8.01	122	33782m	18.960	ng		
33) 4-Chloroaniline	8.32	127	175332	38.752	ng		98
34) Hexachlorobutadiene	8.37	225	103360	44.488	ng		98
35) Caprolactam	8.70	113	39564	37.499	ng		97
36) 4-Chloro-3-methylphenol	8.81	107	127856	37.530	ng		96
37) 2-Methylnaphthalene	8.95	142	300088	41.987	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	161080	42.906	ng	#	95
42) 2,4,6-Trichlorophenol	9.24	196	89218	35.752	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.30	196	91203	35.024	ng	#	88
45) 1,1'-Biphenyl	9.42	154	374197	42.119	ng		99
46) 2-Chloronaphthalene	9.45	162	264136	37.770	ng		96
47) 2-Nitroaniline	9.55	65	83032	35.309	ng		93
48) Acenaphthylene	9.87	152	408276	36.979	ng		99
49) Dimethylphthalate	9.71	163	326417	39.040	ng		98
50) 2,6-Dinitrotoluene	9.79	165	61457	34.712	ng	#	85
51) Acenaphthene	10.04	154	259225	37.285	ng		98
52) 3-Nitroaniline	9.97	138	76257	37.430	ng		98
53) 2,4-Dinitrophenol	10.08	184	2526	7.913	ng	#	23
54) Dibenzofuran	10.21	168	376785	39.578	ng		97
55) 4-Nitrophenol	10.15	139	22239	15.638	ng		97
56) 2,4-Dinitrotoluene	10.20	165	73236	31.691	ng		93
57) Fluorene	10.55	166	297442	39.372	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	70465	34.042	ng	#	79
59) Diethylphthalate	10.41	149	312830	38.766	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	163722	41.420	ng		89
61) 4-Nitroaniline	10.58	138	72813	36.011	ng		97
62) Azobenzene	10.70	77	258472	32.526	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	11305	9.366	ng	#	74
65) n-Nitrosodiphenylamine	10.66	169	271380	41.320	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	104625	44.897	ng	#	80
67) Hexachlorobenzene	11.11	284	104562	42.870	ng	#	81
68) Atrazine	11.18	200	69453	33.265	ng		93
69) Pentachlorophenol	11.31	266	19104m	15.698	ng		
70) Phenanthrene	11.52	178	393211	41.752	ng		99
71) Anthracene	11.58	178	401989	41.818	ng		99
72) Carbazole	11.74	167	348015	38.668	ng		98
73) Di-n-butylphthalate	12.04	149	450978	42.534	ng		100
74) Fluoranthene	12.72	202	404200	38.939	ng		95
76) Benzidine	12.84	184	182124	41.666	ng		98
77) Pyrene	12.95	202	405721	40.088	ng		99
79) Butylbenzylphthalate	13.55	149	160593	38.593	ng	#	90
80) Benzo(a)anthracene	14.14	228	361831	38.682	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	134685	40.968	ng	#	96
82) Chrysene	14.18	228	338977	39.390	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	209625	39.404	ng	#	98
84) Di-n-octyl phthalate	14.72	149	365420	42.139	ng		96
85) Indeno(1,2,3-cd)pyrene	17.30	276	285825	39.138	ng	#	90
87) Benzo(b)fluoranthene	15.24	252	324165	37.971	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	323928	39.843	ng	#	95
89) Benzo(a)pyrene	15.64	252	288190	37.973	ng	#	96
90) Dibenzo(a,h)anthracene	17.30	278	246578	38.336	ng	#	94
91) Benzo(g,h,i)perylene	17.78	276	223092	35.486	ng	#	89

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

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