Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106913.D
Acq On : 28 Jun 2018 11:44
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 28 15:39:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71486	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	292053	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	154118	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	311712	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	251980	20.00	ng		-0.02
86) Perylene-d12	15.68	264	204144	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	352813	83.57	ng		-0.01
7) Phenol-d6	6.60	99	431841	81.91	ng		-0.01
23) Nitrobenzene-d5	7.52	82	407383	77.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	159821	89.47	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	764475	83.74	ng		-0.01
78) Terphenyl-d14	13.07	244	938138	90.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	82049	37.803	ng		98
3) Pyridine	3.59	79	227763	38.694	ng		96
4) n-Nitrosodimethylamine	3.56	42	89510	35.803	ng		80
6) Aniline	6.62	93	291443	40.753	ng		99
8) 2-Chlorophenol	6.75	128	192565	41.587	ng		97
9) Benzaldehyde	6.51	77	130210	35.242	ng		94
10) Phenol	6.61	94	240421	39.959	ng		79
11) bis(2-Chloroethyl)ether	6.69	93	192590	38.774	ng		99
12) 1,3-Dichlorobenzene	6.90	146	225562	41.592	ng		99
13) 1,4-Dichlorobenzene	6.97	146	229374	41.835	ng		99
14) 1,2-Dichlorobenzene	7.12	146	210383	41.869	ng		99
15) Benzyl Alcohol	7.10	79	169562	40.055	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.22	45	233166	35.778	ng		74
17) 2-Methylphenol	7.21	107	162003	40.884	ng		96
18) Hexachloroethane	7.47	117	76000	39.417	ng	#	80
19) n-Nitroso-di-n-propylamine	7.37	70	134990	38.844	ng		94
20) 3+4-Methylphenols	7.37	107	192784	45.095	ng	#	65
22) Acetophenone	7.37	105	267986	41.014	ng	#	94
24) Nitrobenzene	7.54	77	205601	38.320	ng		100
25) Isophorone	7.78	82	350931	37.895	ng		100
26) 2-Nitrophenol	7.85	139	106615	42.093	ng		99
27) 2,4-Dimethylphenol	7.89	122	158020	40.364	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	238522	38.362	ng		99
29) 2,4-Dichlorophenol	8.10	162	171847	41.928	ng		95
30) 1,2,4-Trichlorobenzene	8.18	180	198767	44.022	ng		96
31) Naphthalene	8.26	128	556910	40.786	ng		99
32) Benzoic acid	8.02	122	89130	33.293	ng		98
33) 4-Chloroaniline	8.31	127	237740	41.495	ng		98
34) Hexachlorobutadiene	8.37	225	129082	43.875	ng		98
35) Caprolactam	8.69	113	55867	41.816	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	179107	41.517	ng		94
37) 2-Methylnaphthalene	8.95	142	399071	44.094	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	216772	41.766	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	97356	36.458	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	127857	37.060 ng		95
43) 2,4,5-Trichlorophenol	9.28	196	134485	37.357 ng	#	86
45) 1,1'-Biphenyl	9.41	154	499005	40.627 ng		99
46) 2-Chloronaphthalene	9.44	162	366942	37.954 ng		96
47) 2-Nitroaniline	9.54	65	115544	35.540 ng		95
48) Acenaphthylene	9.86	152	588957	38.585 ng		98
49) Dimethylphthalate	9.71	163	440763	38.131 ng		98
50) 2,6-Dinitrotoluene	9.78	165	100517	41.066 ng		89
51) Acenaphthene	10.04	154	370998	38.598 ng		98
52) 3-Nitroaniline	9.96	138	110377	39.188 ng		95
53) 2,4-Dinitrophenol	10.07	184	54433	45.264 ng	#	17
54) Dibenzofuran	10.21	168	543217	41.273 ng		95
55) 4-Nitrophenol	10.13	139	73063	37.163 ng		97
56) 2,4-Dinitrotoluene	10.19	165	136550	42.740 ng		88
57) Fluorene	10.55	166	436684	41.811 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	116709	40.783 ng	#	79
59) Diethylphthalate	10.41	149	413601	37.073 ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	228938	41.894 ng	#	85
61) 4-Nitroaniline	10.58	138	110449	39.512 ng		95
62) Azobenzene	10.70	77	385112	35.054 ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	78730	40.860 ng		77
65) n-Nitrosodiphenylamine	10.66	169	394602	37.637 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	151118	40.622 ng	#	84
67) Hexachlorobenzene	11.10	284	166255	42.699 ng	#	85
68) Atrazine	11.18	200	134963	40.492 ng		94
69) Pentachlorophenol	11.30	266	71463	36.784 ng		99
70) Phenanthrene	11.52	178	633997	42.169 ng		99
71) Anthracene	11.57	178	646992	42.161 ng		99
72) Carbazole	11.72	167	585770	40.771 ng		98
73) Di-n-butylphthalate	12.04	149	639312	37.771 ng		99
74) Fluoranthene	12.71	202	698448	42.149 ng		97
76) Benzidine	12.83	184	347362	48.404 ng		99
77) Pyrene	12.94	202	707584	42.584 ng		99
79) Butylbenzylphthalate	13.54	149	255759	37.436 ng	#	91
80) Benzo(a)anthracene	14.14	228	615316	40.066 ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	203180	37.643 ng	#	96
82) Chrysene	14.17	228	572121	40.493 ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	296531	33.950 ng	#	96
84) Di-n-octyl phthalate	14.72	149	475209	33.378 ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	507413	42.319 ng	#	90
87) Benzo(b)fluoranthene	15.23	252	497554	39.235 ng	#	96
88) Benzo(k)fluoranthene	15.26	252	501864	41.558 ng	#	95
89) Benzo(a)pyrene	15.62	252	454987	40.359 ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	429188	44.922 ng	#	94
91) Benzo(g,h,i)perylene	17.75	276	435494	46.635 ng	#	89

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

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