Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106772.D
Acq On : 25 Jun 2018 15:38
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/27/2018 10:55:32 AM

Quant Time: Jun 26 08:27:07 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 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	74325	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	299549	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	156103	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	311995	20.00	ng		0.00
75) Chrysene-d12	14.17	240	236790	20.00	ng		0.01
86) Perylene-d12	15.72	264	204006	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	309834	70.59	ng		0.00
7) Phenol-d6	6.61	99	392906	71.68	ng		0.00
23) Nitrobenzene-d5	7.54	82	381063	70.70	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	144316	79.76	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	673543	70.52	ng		0.00
78) Terphenyl-d14	13.08	244	793218	81.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	73558	32.597	ng		97
3) Pyridine	3.61	79	206389	33.724	ng		95
4) n-Nitrosodimethylamine	3.59	42	85435	32.868	ng		84
6) Aniline	6.63	93	259188	34.858	ng	#	68
8) 2-Chlorophenol	6.76	128	177518	36.873	ng		95
9) Benzaldehyde	6.52	77	127015	32.373	ng		98
10) Phenol	6.62	94	210543	33.657	ng	#	73
11) bis(2-Chloroethyl)ether	6.70	93	187359	36.280	ng		97
12) 1,3-Dichlorobenzene	6.91	146	209446	37.145	ng		98
13) 1,4-Dichlorobenzene	6.98	146	211353	37.076	ng		99
14) 1,2-Dichlorobenzene	7.14	146	192535	36.853	ng		97
15) Benzyl Alcohol	7.11	79	154506	35.104	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	222097m	32.778	ng		
17) 2-Methylphenol	7.22	107	160476	38.951	ng	#	93
18) Hexachloroethane	7.47	117	73279	36.554	ng	#	86
19) n-Nitroso-di-n-propylamine	7.38	70	122663	33.949	ng		92
20) 3+4-Methylphenols	7.38	107	164468	34.696	ng	#	70
22) Acetophenone	7.37	105	243773	36.375	ng		95
24) Nitrobenzene	7.55	77	189908	34.509	ng		99
25) Isophorone	7.79	82	342122	36.020	ng		99
26) 2-Nitrophenol	7.87	139	102075	39.292	ng		93
27) 2,4-Dimethylphenol	7.90	122	146145	36.396	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	228074	35.763	ng		99
29) 2,4-Dichlorophenol	8.11	162	159799	38.013	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	185844	40.130	ng		97
31) Naphthalene	8.27	128	509498	36.380	ng		99
32) Benzoic acid	8.04	122	100137m	35.922	ng		
33) 4-Chloroaniline	8.32	127	217202	36.962	ng		99
34) Hexachlorobutadiene	8.38	225	124655	41.310	ng		98
35) Caprolactam	8.71	113	52180m	38.079	ng		
36) 4-Chloro-3-methylphenol	8.81	107	166104	37.539	ng		98
37) 2-Methylnaphthalene	8.96	142	365585	39.383	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	198877	37.830	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	120822	44.670	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	121166	34.674	ng		94
43) 2,4,5-Trichlorophenol	9.29	196	127202	34.885	ng		90
45) 1,1'-Biphenyl	9.42	154	456914	36.728	ng		98
46) 2-Chloronaphthalene	9.45	162	334188	34.127	ng		96
47) 2-Nitroaniline	9.55	65	107382	32.610	ng		98
48) Acenaphthylene	9.87	152	526874	34.079	ng		99
49) Dimethylphthalate	9.72	163	416017	35.533	ng		98
50) 2,6-Dinitrotoluene	9.80	165	93118	37.560	ng		86
51) Acenaphthene	10.04	154	332358	34.138	ng		99
52) 3-Nitroaniline	9.97	138	102115	35.794	ng		93
53) 2,4-Dinitrophenol	10.08	184	68894	55.224	ng	#	15
54) Dibenzofuran	10.21	168	488465	36.641	ng		97
55) 4-Nitrophenol	10.14	139	73775	37.048	ng		98
56) 2,4-Dinitrotoluene	10.20	165	121810	37.642	ng		88
57) Fluorene	10.56	166	383458	36.248	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	109966	37.938	ng	#	78
59) Diethylphthalate	10.42	149	386700	34.221	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	204750	36.992	ng		89
61) 4-Nitroaniline	10.59	138	101673	35.910	ng		96
62) Azobenzene	10.71	77	384389m	34.543	ng		
64) 4,6-Dinitro-2-methylphenol	10.61	198	74809	38.790	ng	#	73
65) n-Nitrosodiphenylamine	10.67	169	356399	33.962	ng		100
66) 4-Bromophenyl-phenylether	11.04	248	140739	37.798	ng	#	81
67) Hexachlorobenzene	11.11	284	151490	38.872	ng	#	82
68) Atrazine	11.20	200	125512	37.623	ng		94
69) Pentachlorophenol	11.31	266	84897	43.659	ng		99
70) Phenanthrene	11.52	178	560012	37.215	ng		99
71) Anthracene	11.58	178	566974	36.913	ng		100
72) Carbazole	11.74	167	510233	35.481	ng		98
73) Di-n-butylphthalate	12.04	149	580431	34.261	ng		100
74) Fluoranthene	12.72	202	605464	36.504	ng		95
76) Benzidine	12.84	184	254116	37.682	ng		98
77) Pyrene	12.95	202	619292	39.661	ng		100
79) Butylbenzylphthalate	13.55	149	230941	35.972	ng	#	90
80) Benzo(a)anthracene	14.15	228	527378	36.543	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	171674	33.846	ng	#	96
82) Chrysene	14.19	228	477778	35.985	ng		100
83) Bis(2-ethylhexyl)phthalate	14.11	149	271323	33.057	ng	#	99
84) Di-n-octyl phthalate	14.77	149	457339	34.184	ng		95
85) Indeno(1,2,3-cd)pyrene	17.31	276	456510	40.516	ng	#	90
87) Benzo(b)fluoranthene	15.26	252	462492	36.495	ng	#	97
88) Benzo(k)fluoranthene	15.29	252	429077	35.554	ng	#	96
89) Benzo(a)pyrene	15.65	252	413977	36.746	ng	#	96
90) Dibenzo(a,h)anthracene	17.32	278	380701	39.874	ng	#	92
91) Benzo(g,h,i)perylene	17.79	276	388384	41.618	ng	#	89

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

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