Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106647.D
Acq On : 21 Jun 2018 4:09
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
6/21/2018 11:28:14 AM

Quant Time: Jun 21 05:20:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	93188	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	360433	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	166898	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	286759	20.00	ng		0.00
75) Chrysene-d12	14.15	240	286269	20.00	ng		0.00
86) Perylene-d12	15.68	264	240048	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	427819	77.74	ng		0.00
7) Phenol-d6	6.61	99	512155	74.52	ng		0.00
23) Nitrobenzene-d5	7.53	82	487186	75.12	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	135791	70.20	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	825820	83.49	ng		0.00
78) Terphenyl-d14	13.08	244	843762	71.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	107614	38.035	ng		97
3) Pyridine	3.57	79	295440	38.503	ng		98
4) n-Nitrosodimethylamine	3.54	42	121731	37.352	ng		90
6) Aniline	6.63	93	336366	36.081	ng	#	91
8) 2-Chlorophenol	6.75	128	228568	37.867	ng		96
9) Benzaldehyde	6.52	77	176689	37.239	ng		98
10) Phenol	6.62	94	285293	36.375	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	244011	37.685	ng		97
12) 1,3-Dichlorobenzene	6.90	146	276044	39.047	ng		98
13) 1,4-Dichlorobenzene	6.98	146	277026	38.759	ng		99
14) 1,2-Dichlorobenzene	7.14	146	255397	38.990	ng		97
15) Benzyl Alcohol	7.11	79	206712	37.459	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	306477m	36.076	ng		
17) 2-Methylphenol	7.22	107	194968	37.744	ng	#	93
18) Hexachloroethane	7.47	117	86995	34.612	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	160254	35.375	ng		94
20) 3+4-Methylphenols	7.38	107	227907	39.498	ng	#	81
22) Acetophenone	7.37	105	313545	38.883	ng	#	96
24) Nitrobenzene	7.55	77	249082	37.617	ng		97
25) Isophorone	7.78	82	415131	36.323	ng		99
26) 2-Nitrophenol	7.86	139	118623	37.949	ng		97
27) 2,4-Dimethylphenol	7.90	122	184260	38.137	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	289547	37.733	ng		99
29) 2,4-Dichlorophenol	8.11	162	193866	38.327	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	229500	41.186	ng		96
31) Naphthalene	8.27	128	638611	37.897	ng		100
32) Benzoic acid	8.01	122	102410m	31.392	ng		
33) 4-Chloroaniline	8.32	127	262188	37.081	ng		99
34) Hexachlorobutadiene	8.38	225	153673	42.324	ng		99
35) Caprolactam	8.70	113	60068	36.430	ng		99
36) 4-Chloro-3-methylphenol	8.81	107	194172	36.470	ng		95
37) 2-Methylnaphthalene	8.96	142	439332	39.333	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	230887	41.079	ng	#	96
40) Hexachlorocyclopentadiene	9.11	237	24846	8.592	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	137358	36.765	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	139894	35.884	ng		88
45) 1,1'-Biphenyl	9.42	154	539258	40.543	ng		98
46) 2-Chloronaphthalene	9.45	162	383110	36.592	ng		96
47) 2-Nitroaniline	9.55	65	123792	35.162	ng		92
48) Acenaphthylene	9.87	152	584391	35.354	ng		98
49) Dimethylphthalate	9.72	163	474418	37.900	ng		98
50) 2,6-Dinitrotoluene	9.79	165	100499	37.915	ng	#	85
51) Acenaphthene	10.04	154	367813	35.336	ng		97
52) 3-Nitroaniline	9.96	138	107553	35.261	ng		99
53) 2,4-Dinitrophenol	10.07	184	11078	12.853	ng	#	22
54) Dibenzofuran	10.21	168	540049	37.890	ng		97
55) 4-Nitrophenol	10.14	139	59719	28.049	ng		95
56) 2,4-Dinitrotoluene	10.19	165	124398	35.955	ng		93
57) Fluorene	10.55	166	411781	36.408	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	108059	34.869	ng	#	80
59) Diethylphthalate	10.41	149	440257	36.440	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	225532	38.111	ng	#	85
61) 4-Nitroaniline	10.58	138	96779	31.971	ng		96
62) Azobenzene	10.70	77	387366	32.559	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	29359	16.563	ng	#	69
65) n-Nitrosodiphenylamine	10.66	169	373712	38.746	ng		97
66) 4-Bromophenyl-phenylether	11.03	248	142442	41.622	ng	#	83
67) Hexachlorobenzene	11.10	284	139389	38.915	ng	#	85
68) Atrazine	11.18	200	119978	39.129	ng		95
69) Pentachlorophenol	11.30	266	55252	30.915	ng		97
70) Phenanthrene	11.52	178	544304	39.354	ng		99
71) Anthracene	11.57	178	550968	39.028	ng		100
72) Carbazole	11.73	167	485943	36.766	ng		98
73) Di-n-butylphthalate	12.04	149	603538	38.760	ng		100
74) Fluoranthene	12.71	202	593212	38.913	ng		96
76) Benzidine	12.83	184	280414	34.395	ng		100
77) Pyrene	12.94	202	622012	32.950	ng		99
79) Butylbenzylphthalate	13.55	149	250554	32.282	ng	#	97
80) Benzo(a)anthracene	14.14	228	641972	36.795	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	240299	39.188	ng	#	94
82) Chrysene	14.18	228	597043	37.196	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	333025	33.562	ng		96
84) Di-n-octyl phthalate	14.73	149	629380	38.912	ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	465183	34.150	ng	#	91
87) Benzo(b)fluoranthene	15.22	252	604655m	40.549	ng		
88) Benzo(k)fluoranthene	15.25	252	527179	37.124	ng	#	97
89) Benzo(a)pyrene	15.61	252	494153	37.277	ng		96
90) Dibenzo(a,h)anthracene	17.26	278	397235	35.359	ng	#	93
91) Benzo(g,h,i)perylene	17.72	276	373918	34.052	ng	#	90

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

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