Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070918\
Data File : BF107249.D
Acq On : 10 Jul 2018 00:56
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/10/2018 2:47:11 PM

Quant Time: Jul 10 05:39:41 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	6.95	152	30350	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	111066	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	53279	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	115860	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	82731	20.00	ng		-0.02
86) Perylene-d12	15.69	264	62855	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	158463	88.41	ng		-0.01
7) Phenol-d6	6.60	99	175943	78.61	ng		-0.01
23) Nitrobenzene-d5	7.52	82	152286	76.20	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	50343	81.52	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	277735	88.91	ng		-0.02
78) Terphenyl-d14	13.07	244	379591	111.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	38006	41.245	ng		98
3) Pyridine	3.55	79	98011	39.219	ng		98
4) n-Nitrosodimethylamine	3.53	42	40778	38.419	ng		89
6) Aniline	6.61	93	116035	38.217	ng	#	50
8) 2-Chlorophenol	6.74	128	78977	40.174	ng		98
9) Benzaldehyde	6.51	77	56102	35.956	ng		98
10) Phenol	6.61	94	98087	38.399	ng	#	52
11) bis(2-Chloroethyl)ether	6.68	93	81037	38.428	ng		98
12) 1,3-Dichlorobenzene	6.89	146	93356	40.546	ng		98
13) 1,4-Dichlorobenzene	6.97	146	94593	40.636	ng		98
14) 1,2-Dichlorobenzene	7.12	146	87302	40.923	ng		97
15) Benzyl Alcohol	7.10	79	61176	34.039	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	97351	35.185	ng	#	1
17) 2-Methylphenol	7.21	107	65739	39.076	ng	#	91
18) Hexachloroethane	7.45	117	14210	17.359	ng		90
19) n-Nitroso-di-n-propylamine	7.35	70	55757	37.791	ng		94
20) 3+4-Methylphenols	7.37	107	82702	45.753	ng		91
22) Acetophenone	7.36	105	109511	44.072	ng		99
24) Nitrobenzene	7.54	77	78418	38.432	ng		98
25) Isophorone	7.77	82	131459	37.328	ng		97
26) 2-Nitrophenol	7.85	139	25417	26.387	ng		97
27) 2,4-Dimethylphenol	7.89	122	58658	39.399	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	93169	39.402	ng		98
29) 2,4-Dichlorophenol	8.10	162	61818	39.660	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	71966	41.912	ng		97
31) Naphthalene	8.25	128	207107	39.885	ng		99
32) Benzoic acid	8.01	122	20789m	22.636	ng		
33) 4-Chloroaniline	8.31	127	85315	39.157	ng		99
34) Hexachlorobutadiene	8.36	225	49405	44.157	ng		98
35) Caprolactam	8.68	113	18085	35.594	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	59781	36.438	ng		93
37) 2-Methylnaphthalene	8.95	142	141426	41.090	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	75083	41.846	ng	#	96
42) 2,4,6-Trichlorophenol	9.24	196	42782	35.870	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	43719m	35.129	ng		
45) 1,1'-Biphenyl	9.41	154	175247	41.273	ng		99
46) 2-Chloronaphthalene	9.44	162	122825	36.749	ng		96
47) 2-Nitroaniline	9.54	65	44857	39.912	ng		93
48) Acenaphthylene	9.86	152	199013	37.715	ng		100
49) Dimethylphthalate	9.70	163	146288	36.609	ng		98
50) 2,6-Dinitrotoluene	9.78	165	24154	28.545	ng		96
51) Acenaphthene	10.03	154	126467	38.060	ng		98
52) 3-Nitroaniline	9.96	138	44074	45.264	ng		94
54) Dibenzofuran	10.20	168	182984	40.216	ng		95
55) 4-Nitrophenol	10.15	139	14988	22.052	ng		98
56) 2,4-Dinitrotoluene	10.20	165	25880	23.432	ng	#	92
57) Fluorene	10.55	166	153205	42.432	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	36490	36.885	ng	#	79
59) Diethylphthalate	10.40	149	146542	37.996	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	79582	42.126	ng	#	84
61) 4-Nitroaniline	10.58	138	50175	51.922	ng		95
62) Azobenzene	10.69	77	126609	33.336	ng		95
65) n-Nitrosodiphenylamine	10.65	169	135688	34.819	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	52650	38.077	ng	#	77
67) Hexachlorobenzene	11.10	284	56879	39.302	ng	#	82
68) Atrazine	11.17	200	26815	21.645	ng		95
69) Pentachlorophenol	11.31	266	10270	14.222	ng		99
70) Phenanthrene	11.52	178	228313	40.857	ng		99
71) Anthracene	11.57	178	234387	41.093	ng		99
72) Carbazole	11.73	167	217045	40.643	ng		98
73) Di-n-butylphthalate	12.03	149	245086	38.957	ng		99
74) Fluoranthene	12.71	202	260532	42.299	ng		96
76) Benzidine	12.84	184	141729	60.153	ng		98
77) Pyrene	12.95	202	262511	48.118	ng		99
79) Butylbenzylphthalate	13.54	149	106910	47.663	ng	#	96
80) Benzo(a)anthracene	14.14	228	196586	38.988	ng		98
81) 3,3'-Dichlorobenzidine	14.10	252	78392	44.236	ng	#	97
82) Chrysene	14.18	228	178791	38.543	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	137220	47.851	ng	#	97
84) Di-n-octyl phthalate	14.71	149	211702	45.290	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	155888	39.599	ng	#	90
87) Benzo(b)fluoranthene	15.23	252	144425	36.989	ng	#	97
88) Benzo(k)fluoranthene	15.26	252	149258	40.142	ng	#	96
89) Benzo(a)pyrene	15.62	252	138207	39.817	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	133741	45.464	ng	#	93
91) Benzo(g,h,i)perylene	17.78	276	124209	43.200	ng	#	88

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

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