Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
Data File : BF111786.D
Acq On : 28 Dec 2018 13:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/2/2019 2:51:28 PM

Quant Time: Dec 29 01:15:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	174591	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	637713	20.00	ng		0.01
39) Acenaphthene-d10	9.95	164	329303	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	623622	20.00	ng		0.02
76) Chrysene-d12	14.07	240	451192	20.00	ng		0.02
87) Perylene-d12	15.56	264	348756	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	754581	73.67	ng		0.02
7) Phenol-d6	6.55	99	955716	73.32	ng		0.03
23) Nitrobenzene-d5	7.47	82	915119	83.53	ng		0.01
42) 2,4,6-Tribromophenol	10.74	330	322602	82.91	ng		0.02
45) 2-Fluorobiphenyl	9.26	172	1730561	76.60	ng		0.00
79) Terphenyl-d14	13.02	244	1927084	81.00	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	162687	33.759	ng		95
3) Pyridine	3.46	79	433074	34.494	ng		98
4) n-Nitrosodimethylamine	3.42	42	217154	35.341	ng	#	84
6) Aniline	6.57	93	580988	34.965	ng	#	71
8) 2-Chlorophenol	6.70	128	426280	37.570	ng		99
9) Benzaldehyde	6.45	77	300252	33.491	ng		97
10) Phenol	6.56	94	511984	34.810	ng	#	65
11) bis(2-Chloroethyl)ether	6.64	93	404799	36.728	ng		100
12) 1,3-Dichlorobenzene	6.85	146	499584	37.993	ng		100
13) 1,4-Dichlorobenzene	6.92	146	503159	37.731	ng		97
14) 1,2-Dichlorobenzene	7.08	146	471477	37.894	ng		98
15) Benzyl Alcohol	7.05	79	392838	37.945	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	663323	32.678	ng		91
17) 2-Methylphenol	7.17	107	336357	37.022	ng	#	89
18) Hexachloroethane	7.42	117	179281	39.895	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	309620	35.765	ng		96
20) 3+4-Methylphenols	7.32	107	427115	37.205	ng		97
22) Acetophenone	7.31	105	608203	37.646	ng	#	93
24) Nitrobenzene	7.49	77	462099	40.243	ng		99
25) Isophorone	7.72	82	721955	37.119	ng		97
26) 2-Nitrophenol	7.80	139	232038	49.826	ng	#	95
27) 2,4-Dimethylphenol	7.85	122	333526	36.331	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	477899	36.924	ng		99
29) 2,4-Dichlorophenol	8.05	162	379831	38.467	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	421070	38.268	ng		97
31) Naphthalene	8.21	128	1169518	38.168	ng		97
32) Benzoic acid	7.95	122	200517m	33.035	ng		
33) 4-Chloroaniline	8.26	127	506710	38.260	ng		99
34) Hexachlorobutadiene	8.33	225	264635	39.462	ng		97
35) Caprolactam	8.63	113	124965m	37.349	ng		
36) 4-Chloro-3-methylphenol	8.75	107	378627	39.008	ng		100
37) 2-Methylnaphthalene	8.90	142	767633	38.506	ng		99
38) 1-Methylnaphthalene	9.00	142	733113	38.290	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	417416	38.575	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	231996	44.181	ng		98
43) 2,4,6-Trichlorophenol	9.18	196	279036	38.623	ng		99
44) 2,4,5-Trichlorophenol	9.23	196	291594	39.343	ng		93
46) 1,1'-Biphenyl	9.36	154	1069658	38.479	ng		95
47) 2-Chloronaphthalene	9.39	162	830519	37.709	ng		95
48) 2-Nitroaniline	9.48	65	259227	45.243	ng		99
49) Acenaphthylene	9.81	152	1227878	38.184	ng		96
50) Dimethylphthalate	9.66	163	940811	39.069	ng		97
51) 2,6-Dinitrotoluene	9.72	165	213993	44.566	ng		91
52) Acenaphthene	9.98	154	777618	39.208	ng		97
53) 3-Nitroaniline	9.89	138	232166	45.336	ng		99
54) 2,4-Dinitrophenol	9.99	184	83626	56.618	ng		92
55) Dibenzofuran	10.15	168	1148908	38.344	ng		96
56) 4-Nitrophenol	10.06	139	165541	42.358	ng		89
57) 2,4-Dinitrotoluene	10.13	165	282888	49.019	ng	#	95
58) Fluorene	10.49	166	838773	38.848	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	247174	39.628	ng		89
60) Diethylphthalate	10.36	149	920526	38.969	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	468107	39.241	ng		98
62) 4-Nitroaniline	10.51	138	222016	44.606	ng		89
63) Azobenzene	10.65	77	896798	37.816	ng		94
65) 4,6-Dinitro-2-methylphenol	10.54	198	137845	52.718	ng	#	72
66) n-Nitrosodiphenylamine	10.60	169	807541	38.576	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	298407	38.579	ng		91
68) Hexachlorobenzene	11.05	284	336969	39.072	ng		97
69) Atrazine	11.13	200	279891	38.486	ng		97
70) Pentachlorophenol	11.24	266	191956	36.003	ng		98
71) Phenanthrene	11.46	178	1250881	37.822	ng		95
72) Anthracene	11.51	178	1261470	38.000	ng		95
73) Carbazole	11.66	167	1218913	37.820	ng		95
74) Di-n-butylphthalate	11.99	149	1384268	38.307	ng		96
75) Fluoranthene	12.64	202	1254314	37.452	ng		95
77) Benzidine	12.76	184	637305	37.537	ng		98
78) Pyrene	12.87	202	1272958	39.952	ng		97
80) Butylbenzylphthalate	13.48	149	525837	40.487	ng		94
81) Benzo(a)anthracene	14.06	228	1007404	39.123	ng		98
82) 3,3'-Dichlorobenzidine	14.02	252	385683	37.910	ng	#	97
83) Chrysene	14.10	228	955728	37.764	ng		97
84) Bis(2-ethylhexyl)phthalate	14.04	149	681465	41.655	ng	#	99
85) Di-n-octyl phthalate	14.66	149	975780	38.497	ng		95
86) Indeno(1,2,3-cd)pyrene	17.06	276	782396	36.367	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	759486	37.261	ng	#	95
89) Benzo(k)fluoranthene	15.15	252	778915	40.140	ng	#	96
90) Benzo(a)pyrene	15.50	252	704931	38.068	ng	#	93
91) Dibenzo(a,h)anthracene	17.08	278	665067	41.014	ng	#	91
92) Benzo(g,h,i)perylene	17.52	276	660756	41.730	ng	#	87

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

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