Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122718\
Data File : BF111780.D
Acq On : 28 Dec 2018 00:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2018 10:37:33 AM

Quant Time: Dec 28 07:36:20 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	118497	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	387721	20.00	ng		0.00
39) Acenaphthene-d10	9.95	164	175803	20.00	ng		0.01
64) Phenanthrene-d10	11.43	188	319985	20.00	ng		0.01
76) Chrysene-d12	14.07	240	268324	20.00	ng		0.02
87) Perylene-d12	15.55	264	197936	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	540252	77.71	ng		0.02
7) Phenol-d6	6.55	99	639352	72.27	ng		0.03
23) Nitrobenzene-d5	7.46	82	610717	91.69	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	164184	79.04	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	1092895	90.61	ng		0.00
79) Terphenyl-d14	13.01	244	1216901	86.01	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	127128	38.868	ng		95
3) Pyridine	3.44	79	291915	34.257	ng		97
4) n-Nitrosodimethylamine	3.38	42	160906	38.584	ng		82
6) Aniline	6.56	93	389593	34.546	ng	#	23
8) 2-Chlorophenol	6.70	128	294698	38.268	ng		97
9) Benzaldehyde	6.45	77	224446	36.886	ng		98
10) Phenol	6.56	94	351682	35.230	ng	#	61
11) bis(2-Chloroethyl)ether	6.63	93	287844	38.480	ng		96
12) 1,3-Dichlorobenzene	6.85	146	359584	40.292	ng		98
13) 1,4-Dichlorobenzene	6.92	146	362017	39.997	ng		99
14) 1,2-Dichlorobenzene	7.08	146	332558	39.382	ng		97
15) Benzyl Alcohol	7.05	79	247637	35.243	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.18	45	478455	34.729	ng		94
17) 2-Methylphenol	7.17	107	221453	35.913	ng	#	89
18) Hexachloroethane	7.42	117	95474	31.303	ng	#	85
19) n-Nitroso-di-n-propylamine	7.32	70	216244	36.803	ng		99
20) 3+4-Methylphenols	7.32	107	279462	35.867	ng	#	81
22) Acetophenone	7.31	105	419197	42.677	ng	#	91
24) Nitrobenzene	7.49	77	312023	44.694	ng		97
25) Isophorone	7.72	82	478938	40.502	ng		99
26) 2-Nitrophenol	7.80	139	115960	40.955	ng	#	91
27) 2,4-Dimethylphenol	7.85	122	210427	37.701	ng		96
28) bis(2-Chloroethoxy)methane	7.93	93	324729	41.267	ng		97
29) 2,4-Dichlorophenol	8.05	162	229048	38.153	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	278338	41.606	ng		96
31) Naphthalene	8.21	128	767934	41.222	ng		96
32) Benzoic acid	7.92	122	93994m	25.470	ng		
33) 4-Chloroaniline	8.26	127	305712	37.967	ng		97
34) Hexachlorobutadiene	8.33	225	178216	43.710	ng		98
35) Caprolactam	8.61	113	69215	34.025	ng	#	88
36) 4-Chloro-3-methylphenol	8.75	107	210386	35.651	ng		97
37) 2-Methylnaphthalene	8.90	142	478833	39.506	ng		98
38) 1-Methylnaphthalene	9.00	142	458908	39.423	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	263568	45.625	ng	#	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	16950	6.046	ng		99
43) 2,4,6-Trichlorophenol	9.18	196	152744	39.602	ng		100
44) 2,4,5-Trichlorophenol	9.23	196	152257	38.480	ng		91
46) 1,1'-Biphenyl	9.36	154	647065	43.602	ng		94
47) 2-Chloronaphthalene	9.39	162	495260	42.121	ng		93
48) 2-Nitroaniline	9.48	65	147858	48.338	ng		94
49) Acenaphthylene	9.80	152	703931	41.004	ng		95
50) Dimethylphthalate	9.66	163	564246	43.890	ng		98
51) 2,6-Dinitrotoluene	9.72	165	112716	43.970	ng		89
52) Acenaphthene	9.97	154	422839	39.935	ng		97
53) 3-Nitroaniline	9.89	138	128660	47.061	ng		97
54) 2,4-Dinitrophenol	9.99	184	3832	11.540	ng	#	55
55) Dibenzofuran	10.15	168	650228	40.648	ng		97
56) 4-Nitrophenol	10.06	139	70241	33.666	ng		86
57) 2,4-Dinitrotoluene	10.12	165	139838	45.388	ng		95
58) Fluorene	10.49	166	472705	41.009	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.27	232	120618	36.223	ng		90
60) Diethylphthalate	10.36	149	534826	42.410	ng		99
61) 4-Chlorophenyl-phenylether	10.48	204	266149	41.792	ng		94
62) 4-Nitroaniline	10.50	138	127126	47.843	ng		86
63) Azobenzene	10.64	77	491802	38.846	ng		96
65) 4,6-Dinitro-2-methylphenol	10.53	198	11003	13.853	ng		87
66) n-Nitrosodiphenylamine	10.60	169	439433	40.911	ng		98
67) 4-Bromophenyl-phenylether	10.97	248	164138	41.357	ng		95
68) Hexachlorobenzene	11.05	284	184788	41.758	ng		93
69) Atrazine	11.12	200	145044	38.869	ng		96
70) Pentachlorophenol	11.24	266	67683	24.741	ng		98
71) Phenanthrene	11.45	178	710045	41.841	ng		94
72) Anthracene	11.50	178	706047	41.451	ng		95
73) Carbazole	11.66	167	687794	41.591	ng		95
74) Di-n-butylphthalate	11.98	149	813825	43.892	ng		97
75) Fluoranthene	12.65	202	742395	43.201	ng		94
77) Benzidine	12.76	184	327290	32.415	ng		98
78) Pyrene	12.87	202	773510	40.822	ng		95
80) Butylbenzylphthalate	13.48	149	350177	45.337	ng		92
81) Benzo(a)anthracene	14.06	228	628519	41.044	ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	226289	37.401	ng	#	97
83) Chrysene	14.10	228	602437	40.028	ng		96
84) Bis(2-ethylhexyl)phthalate	14.04	149	486630	50.018	ng	#	98
85) Di-n-octyl phthalate	14.66	149	741699	49.205	ng		96
86) Indeno(1,2,3-cd)pyrene	17.06	276	427204	33.390	ng	#	87
88) Benzo(b)fluoranthene	15.12	252	486482	42.053	ng	#	96
89) Benzo(k)fluoranthene	15.15	252	459250	41.700	ng	#	94
90) Benzo(a)pyrene	15.49	252	426863	40.616	ng	#	93
91) Dibenzo(a,h)anthracene	17.07	278	365472	39.712	ng	#	92
92) Benzo(g,h,i)perylene	17.51	276	348858	38.820	ng	#	87

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

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