Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110867.D
Acq On : 19 Nov 2018 22:30
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
11/20/2018 11:07:48 AM

Quant Time: Nov 20 01:35:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	48444	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	193532	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	76352	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	128388	20.00	ng		0.00
76) Chrysene-d12	14.13	240	117003	20.00	ng		0.00
87) Perylene-d12	15.66	264	74739	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	259481	87.00	ng		0.00
7) Phenol-d6	6.57	99	312074	81.83	ng		0.00
23) Nitrobenzene-d5	7.51	82	281631	83.81	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	54532	70.88	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	488702	91.41	ng		0.00
79) Terphenyl-d14	13.06	244	461229	73.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	61367	41.297	ng		90
3) Pyridine	3.54	79	130981	40.835	ng		86
4) n-Nitrosodimethylamine	3.49	42	56845	41.303	ng		89
6) Aniline	6.61	93	189481	38.098	ng	#	55
8) 2-Chlorophenol	6.73	128	143551	41.058	ng		97
9) Benzaldehyde	6.50	77	86820	43.310	ng		95
10) Phenol	6.59	94	178452	40.353	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	130661	39.425	ng		92
12) 1,3-Dichlorobenzene	6.88	146	158220	41.360	ng		99
13) 1,4-Dichlorobenzene	6.96	146	160955	41.434	ng		97
14) 1,2-Dichlorobenzene	7.11	146	150036	41.518	ng		99
15) Benzyl Alcohol	7.09	79	118017	39.543	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.21	45	209512	40.255	ng		73
17) 2-Methylphenol	7.19	107	109635	39.401	ng	#	82
18) Hexachloroethane	7.45	117	43791	30.535	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	97901	40.215	ng		95
20) 3+4-Methylphenols	7.35	107	145728	40.798	ng	#	83
22) Acetophenone	7.35	105	191372	42.429	ng	#	92
24) Nitrobenzene	7.53	77	144441	41.951	ng		95
25) Isophorone	7.76	82	216328	39.276	ng		96
26) 2-Nitrophenol	7.85	139	61439	35.769	ng		95
27) 2,4-Dimethylphenol	7.87	122	107884	41.241	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	153320	41.112	ng		100
29) 2,4-Dichlorophenol	8.09	162	111043	41.254	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	125134	41.233	ng		94
31) Naphthalene	8.25	128	363330	39.991	ng		99
32) Benzoic acid	7.99	122	54882m	29.652	ng		
33) 4-Chloroaniline	8.30	127	155491	37.784	ng		99
34) Hexachlorobutadiene	8.35	225	72531	41.842	ng		100
35) Caprolactam	8.67	113	33891	37.686	ng		93
36) 4-Chloro-3-methylphenol	8.78	107	111148	38.288	ng		92
37) 2-Methylnaphthalene	8.94	142	227609	38.216	ng		99
38) 1-Methylnaphthalene	9.04	142	216439	37.787	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	108797	45.016	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	65842	43.353	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	66393	40.983	ng		96
46) 1,1'-Biphenyl	9.40	154	319412	44.845	ng		99
47) 2-Chloronaphthalene	9.43	162	222325	43.327	ng		100
48) 2-Nitroaniline	9.53	65	70196	44.392	ng		94
49) Acenaphthylene	9.85	152	303649	41.090	ng		98
50) Dimethylphthalate	9.69	163	251508	44.146	ng		99
51) 2,6-Dinitrotoluene	9.77	165	48701	38.859	ng		97
52) Acenaphthene	10.02	154	188673	40.400	ng		97
53) 3-Nitroaniline	9.95	138	61848	42.596	ng		98
55) Dibenzofuran	10.19	168	274699	40.204	ng		97
56) 4-Nitrophenol	10.12	139	28114	29.186	ng		97
57) 2,4-Dinitrotoluene	10.19	165	53852	33.048	ng	#	89
58) Fluorene	10.53	166	200341	38.173	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	46943	36.834	ng		92
60) Diethylphthalate	10.39	149	240800	42.723	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	109892	40.441	ng		96
62) 4-Nitroaniline	10.56	138	57984	39.658	ng		96
63) Azobenzene	10.68	77	207437	37.722	ng		97
66) n-Nitrosodiphenylamine	10.64	169	186955	43.201	ng		97
67) 4-Bromophenyl-phenylether	11.01	248	58056	40.915	ng	#	84
68) Hexachlorobenzene	11.09	284	59226	39.589	ng	#	87
69) Atrazine	11.16	200	48515	36.665	ng		98
70) Pentachlorophenol	11.29	266	33803	42.346	ng		97
71) Phenanthrene	11.50	178	274767	39.947	ng		99
72) Anthracene	11.56	178	281788	40.612	ng		98
73) Carbazole	11.72	167	278140	41.740	ng		100
74) Di-n-butylphthalate	12.02	149	335307	42.910	ng		98
75) Fluoranthene	12.70	202	307721	44.623	ng		99
77) Benzidine	12.82	184	128668	39.989	ng		97
78) Pyrene	12.93	202	324756	36.048	ng		99
80) Butylbenzylphthalate	13.53	149	152611	39.358	ng		96
81) Benzo(a)anthracene	14.12	228	275532	39.399	ng		100
82) 3,3'-Dichlorobenzidine	14.08	252	110844	47.314	ng		100
83) Chrysene	14.16	228	267589	40.163	ng		97
84) Bis(2-ethylhexyl)phthalate	14.07	149	210933	43.851	ng		97
85) Di-n-octyl phthalate	14.69	149	365561	51.680	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	165798	34.678	ng		99
88) Benzo(b)fluoranthene	15.21	252	179822	40.218	ng		98
89) Benzo(k)fluoranthene	15.24	252	191566	43.360	ng		99
90) Benzo(a)pyrene	15.60	252	163467	40.239	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	138504	40.289	ng		98
92) Benzo(g,h,i)perylene	17.73	276	132519	38.852	ng		98

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

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