Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110911.D
Acq On : 20 Nov 2018 23:52
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/21/2018 3:18:15 PM

Quant Time: Nov 21 05:58:59 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	53169	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	217057	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	89663	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	145789	20.00	ng		0.00
76) Chrysene-d12	14.13	240	117949	20.00	ng		0.00
87) Perylene-d12	15.67	264	79068	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	276606	84.50	ng		0.00
7) Phenol-d6	6.57	99	344123	82.21	ng		0.00
23) Nitrobenzene-d5	7.51	82	314553	83.46	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	63253	70.01	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	560094	89.21	ng		0.00
79) Terphenyl-d14	13.06	244	489663	77.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	64201	39.364	ng		89
3) Pyridine	3.53	79	141766	40.270	ng	#	84
4) n-Nitrosodimethylamine	3.49	42	62423	41.326	ng		84
6) Aniline	6.61	93	211551	38.755	ng	#	55
8) 2-Chlorophenol	6.73	128	157448	41.031	ng		99
9) Benzaldehyde	6.50	77	96128	43.846	ng		95
10) Phenol	6.59	94	196943	40.577	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	143480	39.446	ng		92
12) 1,3-Dichlorobenzene	6.88	146	169980	40.485	ng		99
13) 1,4-Dichlorobenzene	6.96	146	173628	40.724	ng		98
14) 1,2-Dichlorobenzene	7.11	146	161892	40.818	ng		99
15) Benzyl Alcohol	7.09	79	133106	40.635	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	228616	40.022	ng		74
17) 2-Methylphenol	7.19	107	121103	39.655	ng	#	82
18) Hexachloroethane	7.45	117	54281	34.486	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	108874	40.748	ng		94
20) 3+4-Methylphenols	7.35	107	159253	40.622	ng		92
22) Acetophenone	7.36	105	216706	42.839	ng	#	94
24) Nitrobenzene	7.53	77	160444	41.548	ng		96
25) Isophorone	7.76	82	248258	40.188	ng		97
26) 2-Nitrophenol	7.85	139	76874	39.904	ng		96
27) 2,4-Dimethylphenol	7.87	122	121280	41.337	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	173958	41.591	ng		100
29) 2,4-Dichlorophenol	8.09	162	124983	41.400	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	138766	40.769	ng		96
31) Naphthalene	8.25	128	411863	40.420	ng		99
32) Benzoic acid	7.99	122	50308m	24.235	ng		
33) 4-Chloroaniline	8.30	127	178888	38.758	ng		99
34) Hexachlorobutadiene	8.35	225	80047	41.173	ng		98
35) Caprolactam	8.67	113	37758	37.436	ng	#	85
36) 4-Chloro-3-methylphenol	8.78	107	128907	39.592	ng		94
37) 2-Methylnaphthalene	8.94	142	259339	38.824	ng		99
38) 1-Methylnaphthalene	9.04	142	247704	38.559	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	124133	43.737	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	76231	42.742	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	78645	41.339	ng		95
46) 1,1'-Biphenyl	9.40	154	365913	43.747	ng		98
47) 2-Chloronaphthalene	9.43	162	254650	42.259	ng		99
48) 2-Nitroaniline	9.53	65	81195	43.725	ng		99
49) Acenaphthylene	9.85	152	349107	40.228	ng		97
50) Dimethylphthalate	9.70	163	288266	43.086	ng		99
51) 2,6-Dinitrotoluene	9.77	165	58194	39.541	ng		89
52) Acenaphthene	10.02	154	220841	40.268	ng		98
53) 3-Nitroaniline	9.95	138	71275	41.801	ng		87
54) 2,4-Dinitrophenol	10.09	184	614	5.687	ng	#	78
55) Dibenzofuran	10.19	168	311036	38.764	ng		99
56) 4-Nitrophenol	10.12	139	32360	28.606	ng		96
57) 2,4-Dinitrotoluene	10.19	165	66263	34.627	ng	#	89
58) Fluorene	10.53	166	230999	37.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	52586m	35.136	ng		
60) Diethylphthalate	10.39	149	279752	42.265	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	128545	40.283	ng		97
62) 4-Nitroaniline	10.56	138	60435	35.198	ng		98
63) Azobenzene	10.68	77	242812	37.600	ng		97
65) 4,6-Dinitro-2-methylphenol	10.61	198	3211	4.370	ng		76
66) n-Nitrosodiphenylamine	10.64	169	217718	44.305	ng		97
67) 4-Bromophenyl-phenylether	11.02	248	69215	42.957	ng		97
68) Hexachlorobenzene	11.09	284	69077	40.663	ng	#	90
69) Atrazine	11.16	200	59673	39.715	ng		97
70) Pentachlorophenol	11.29	266	29885	32.969	ng		96
71) Phenanthrene	11.50	178	314806	40.305	ng		99
72) Anthracene	11.56	178	317875	40.344	ng		99
73) Carbazole	11.72	167	309947	40.962	ng		99
74) Di-n-butylphthalate	12.02	149	375172	42.281	ng		98
75) Fluoranthene	12.70	202	329483	42.076	ng		97
77) Benzidine	12.82	184	168550	51.963	ng		97
78) Pyrene	12.93	202	344017	37.880	ng		97
80) Butylbenzylphthalate	13.53	149	161232	41.247	ng		97
81) Benzo(a)anthracene	14.13	228	281550	39.937	ng		100
82) 3,3'-Dichlorobenzidine	14.08	252	110186	46.656	ng		98
83) Chrysene	14.16	228	273732	40.755	ng		97
84) Bis(2-ethylhexyl)phthalate	14.07	149	222695	45.925	ng		97
85) Di-n-octyl phthalate	14.69	149	368694	51.705	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	172808	35.854	ng		98
88) Benzo(b)fluoranthene	15.21	252	187827	39.709	ng		99
89) Benzo(k)fluoranthene	15.24	252	208233	44.552	ng		99
90) Benzo(a)pyrene	15.60	252	173052	40.267	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	146010	40.147	ng		99
92) Benzo(g,h,i)perylene	17.74	276	140984	39.071	ng		99

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

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