Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
Data File : BF110886.D
Acq On : 20 Nov 2018 11:01
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/21/2018 3:17:43 PM

Quant Time: Nov 20 11:32:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 14:14:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	77997	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	337686	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	159188	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	300232	20.00	ng		0.00
76) Chrysene-d12	14.14	240	219551	20.00	ng		0.00
87) Perylene-d12	15.66	264	156220	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	381355	79.42	ng		0.00
7) Phenol-d6	6.57	99	496291	80.82	ng		0.00
23) Nitrobenzene-d5	7.52	82	474601	80.94	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	128649	80.20	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	880387	78.99	ng		0.00
79) Terphenyl-d14	13.06	244	901372	76.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	85506	35.739	ng		90
3) Pyridine	3.56	79	192307	37.238	ng	#	83
4) n-Nitrosodimethylamine	3.52	42	93148	42.037	ng		87
6) Aniline	6.61	93	316042	39.468	ng	#	54
8) 2-Chlorophenol	6.73	128	230278	40.908	ng		98
9) Benzaldehyde	6.50	77	140075	43.436	ng		94
10) Phenol	6.59	94	286190	40.195	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	211061	39.554	ng		92
12) 1,3-Dichlorobenzene	6.88	146	247463	40.178	ng		100
13) 1,4-Dichlorobenzene	6.96	146	250446	40.043	ng		98
14) 1,2-Dichlorobenzene	7.11	146	232738	40.001	ng		98
15) Benzyl Alcohol	7.09	79	197351	41.070	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.21	45	336896	40.204	ng		74
17) 2-Methylphenol	7.19	107	179656	40.102	ng	#	85
18) Hexachloroethane	7.45	117	93236	40.380	ng		93
19) n-Nitroso-di-n-propylamine	7.35	70	162478	41.453	ng		97
20) 3+4-Methylphenols	7.35	107	232551	40.437	ng		96
22) Acetophenone	7.36	105	315038	40.030	ng		97
24) Nitrobenzene	7.53	77	242158	40.308	ng		94
25) Isophorone	7.76	82	383842	39.939	ng		96
26) 2-Nitrophenol	7.85	139	123561	41.227	ng		96
27) 2,4-Dimethylphenol	7.87	122	183950	40.301	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	260347	40.010	ng		100
29) 2,4-Dichlorophenol	8.09	162	194520	41.417	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	211654	39.970	ng		95
31) Naphthalene	8.25	128	630104	39.748	ng		99
32) Benzoic acid	8.02	122	125889m	38.981	ng		
33) 4-Chloroaniline	8.30	127	280465	39.059	ng		100
34) Hexachlorobutadiene	8.35	225	122578	40.527	ng		98
35) Caprolactam	8.69	113	64852	41.330	ng		89
36) 4-Chloro-3-methylphenol	8.78	107	208102	41.084	ng		97
37) 2-Methylnaphthalene	8.94	142	409302	39.386	ng		99
38) 1-Methylnaphthalene	9.04	142	398946	39.918	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	205679	40.818	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	57959	34.318 ng	100
43) 2,4,6-Trichlorophenol	9.22	196	127616	40.302 ng	96
44) 2,4,5-Trichlorophenol	9.27	196	132734	39.298 ng	96
46) 1,1'-Biphenyl	9.40	154	598268	40.287 ng	99
47) 2-Chloronaphthalene	9.43	162	429791	40.173 ng	98
48) 2-Nitroaniline	9.54	65	139001	42.162 ng	93
49) Acenaphthylene	9.85	152	607067	39.401 ng	99
50) Dimethylphthalate	9.70	163	470567	39.616 ng	99
51) 2,6-Dinitrotoluene	9.77	165	106016	40.573 ng	91
52) Acenaphthene	10.02	154	389488	40.001 ng	97
53) 3-Nitroaniline	9.95	138	125355	41.409 ng	94
54) 2,4-Dinitrophenol	10.07	184	35087	36.429 ng	93
55) Dibenzofuran	10.19	168	553433	38.849 ng	99
56) 4-Nitrophenol	10.12	139	66005m	32.865 ng	
57) 2,4-Dinitrotoluene	10.19	165	135500	39.883 ng	95
58) Fluorene	10.54	166	439307	40.148 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	101895	38.348 ng	94
60) Diethylphthalate	10.40	149	476458	40.545 ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	230160	40.625 ng	99
62) 4-Nitroaniline	10.57	138	114490	37.557 ng	94
63) Azobenzene	10.69	77	464699	40.532 ng	96
65) 4,6-Dinitro-2-methylphenol	10.60	198	55606	36.749 ng	94
66) n-Nitrosodiphenylamine	10.65	169	409615	40.477 ng	97
67) 4-Bromophenyl-phenylether	11.02	248	132755	40.009 ng	95
68) Hexachlorobenzene	11.09	284	140169	40.067 ng	98
69) Atrazine	11.17	200	119587	38.648 ng	98
70) Pentachlorophenol	11.29	266	60754	32.546 ng	96
71) Phenanthrene	11.51	178	639322	39.747 ng	99
72) Anthracene	11.56	178	645406	39.777 ng	100
73) Carbazole	11.72	167	627292	40.256 ng	100
74) Di-n-butylphthalate	12.02	149	744226	40.727 ng	99
75) Fluoranthene	12.70	202	638154	39.573 ng	98
77) Benzidine	12.82	184	213302	35.328 ng	96
78) Pyrene	12.93	202	658603	38.959 ng	98
80) Butylbenzylphthalate	13.53	149	301963	41.501 ng	99
81) Benzo(a)anthracene	14.13	228	520296	39.648 ng	100
82) 3,3'-Dichlorobenzidine	14.08	252	179936	40.931 ng	99
83) Chrysene	14.16	228	499270	39.935 ng	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	384623	42.612 ng	97
85) Di-n-octyl phthalate	14.69	149	585730	44.129 ng	99
86) Indeno(1,2,3-cd)pyrene	17.26	276	355422	39.617 ng	98
88) Benzo(b)fluoranthene	15.21	252	364224	38.973 ng	100
89) Benzo(k)fluoranthene	15.24	252	393874	42.652 ng	99
90) Benzo(a)pyrene	15.60	252	344334	40.552 ng	97
91) Dibenzo(a,h)anthracene	17.26	278	301490	41.957 ng	98
92) Benzo(g,h,i)perylene	17.74	276	299952	42.072 ng	98

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

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