Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111066.D
Acq On : 29 Nov 2018 1:42
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
11/29/2018 1:58:56 PM

Quant Time: Nov 29 04:05:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 27 15:32:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	50089	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	201395	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	82239	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	122302	20.00	ng		0.00
76) Chrysene-d12	14.13	240	109859	20.00	ng		0.00
87) Perylene-d12	15.66	264	83082	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	240492	79.62	ng		0.00
7) Phenol-d6	6.56	99	298035	75.72	ng		0.00
23) Nitrobenzene-d5	7.50	82	273500	77.72	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	47974	58.74	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	483524	85.18	ng		0.00
79) Terphenyl-d14	13.05	244	368988	65.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	58640	40.523	ng		89
3) Pyridine	3.54	79	113128	35.701	ng	#	84
4) n-Nitrosodimethylamine	3.50	42	50474	34.811	ng	#	87
6) Aniline	6.60	93	177053	36.386	ng	#	59
8) 2-Chlorophenol	6.72	128	137528	38.420	ng		99
9) Benzaldehyde	6.50	77	79891	37.317	ng		95
10) Phenol	6.57	94	166437	37.546	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	128016	38.332	ng		96
12) 1,3-Dichlorobenzene	6.87	146	151654	38.564	ng		99
13) 1,4-Dichlorobenzene	6.95	146	155556	38.466	ng		100
14) 1,2-Dichlorobenzene	7.10	146	144357	37.928	ng		97
15) Benzyl Alcohol	7.08	79	111500	36.860	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201881	37.984	ng		85
17) 2-Methylphenol	7.19	107	103998	36.540	ng	#	86
18) Hexachloroethane	7.43	117	52607	35.365	ng		92
19) n-Nitroso-di-n-propylamine	7.34	70	96588	37.671	ng		96
20) 3+4-Methylphenols	7.34	107	136884	36.180	ng	#	77
22) Acetophenone	7.35	105	186869	39.585	ng	#	93
24) Nitrobenzene	7.52	77	142937	39.059	ng		96
25) Isophorone	7.75	82	215868	37.396	ng		98
26) 2-Nitrophenol	7.84	139	62124	34.942	ng		95
27) 2,4-Dimethylphenol	7.86	122	104095	38.770	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	150439	38.902	ng		99
29) 2,4-Dichlorophenol	8.08	162	104775	37.292	ng		96
30) 1,2,4-Trichlorobenzene	8.16	180	121990	38.743	ng		95
31) Naphthalene	8.23	128	356496	37.763	ng		99
32) Benzoic acid	7.99	122	40073m	20.075	ng		
33) 4-Chloroaniline	8.29	127	147446	36.695	ng		99
34) Hexachlorobutadiene	8.34	225	71249	39.729	ng		97
35) Caprolactam	8.67	113	31462	32.800	ng		98
36) 4-Chloro-3-methylphenol	8.77	107	105357	33.750	ng		93
37) 2-Methylnaphthalene	8.93	142	226210	36.277	ng		99
38) 1-Methylnaphthalene	9.03	142	213694	35.233	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	108853	42.076	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.21	196	60577	39.206	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	59404	36.513	ng		97
46) 1,1'-Biphenyl	9.39	154	311066	41.027	ng		98
47) 2-Chloronaphthalene	9.42	162	218742	39.790	ng		100
48) 2-Nitroaniline	9.53	65	67338	39.161	ng		98
49) Acenaphthylene	9.84	152	298144	38.140	ng		99
50) Dimethylphthalate	9.69	163	243850	40.430	ng		99
51) 2,6-Dinitrotoluene	9.76	165	49315	36.728	ng		94
52) Acenaphthene	10.00	154	186762	37.268	ng		97
53) 3-Nitroaniline	9.95	138	56143	35.875	ng		90
54) 2,4-Dinitrophenol	10.12	184	513	4.749	ng	#	46
55) Dibenzofuran	10.18	168	266392	36.438	ng		98
56) 4-Nitrophenol	10.13	139	14170	19.663	ng		95
57) 2,4-Dinitrotoluene	10.18	165	56325	32.332	ng	#	73
58) Fluorene	10.52	166	193661	34.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	40192m	30.102	ng		
60) Diethylphthalate	10.38	149	229172	36.846	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	107220	36.039	ng		97
62) 4-Nitroaniline	10.56	138	48582	33.341	ng		97
63) Azobenzene	10.67	77	203363	33.545	ng		98
65) 4,6-Dinitro-2-methylphenol	10.62	198	2014	3.481	ng	#	1
66) n-Nitrosodiphenylamine	10.63	169	181809	44.655	ng		97
67) 4-Bromophenyl-phenylether	11.00	248	55887	41.958	ng		97
68) Hexachlorobenzene	11.07	284	55346	39.011	ng	#	88
69) Atrazine	11.15	200	43168	36.195	ng		97
70) Pentachlorophenol	11.29	266	19006	33.672	ng		93
71) Phenanthrene	11.49	178	246080	37.990	ng		99
72) Anthracene	11.55	178	252290	38.245	ng		98
73) Carbazole	11.71	167	235207	36.735	ng		99
74) Di-n-butylphthalate	12.01	149	299817	40.050	ng		98
75) Fluoranthene	12.69	202	246409	37.012	ng		98
77) Benzidine	12.82	184	86460	30.769	ng		96
78) Pyrene	12.92	202	260369	32.450	ng		97
80) Butylbenzylphthalate	13.52	149	121533	33.549	ng		96
81) Benzo(a)anthracene	14.12	228	236301	36.433	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	90274	40.592	ng		99
83) Chrysene	14.15	228	235440	36.875	ng		97
84) Bis(2-ethylhexyl)phthalate	14.06	149	175344	36.325	ng		95
85) Di-n-octyl phthalate	14.67	149	302331	39.678	ng		98
86) Indeno(1,2,3-cd)pyrene	17.25	276	155663	33.965	ng		98
88) Benzo(b)fluoranthene	15.20	252	185446	37.995	ng		99
89) Benzo(k)fluoranthene	15.23	252	195505	38.917	ng		99
90) Benzo(a)pyrene	15.60	252	167926	36.962	ng		97
91) Dibenzo(a,h)anthracene	17.24	278	132763	35.418	ng		99
92) Benzo(g,h,i)perylene	17.74	276	122105	33.784	ng		99

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

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