Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
Data File : BF108639.D
Acq On : 30 Aug 2018 14:37
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF083018

Manual Integrations APPROVED
Sohil
8/31/2018 12:18:06 PM

Quant Time: Aug 30 15:12:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	126440	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	535670	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	284999	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	607381	20.00	ng		0.00
75) Chrysene-d12	14.20	240	460496	20.00	ng		0.00
86) Perylene-d12	15.75	264	328746	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	497513	68.36	ng		0.00
7) Phenol-d6	6.65	99	782883	75.10	ng		0.00
23) Nitrobenzene-d5	7.57	82	805232	76.30	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	288599	76.71	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1602101	75.58	ng		0.00
78) Terphenyl-d14	13.13	244	1787961	75.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	118643	35.075	ng		88
3) Pyridine	3.70	79	266103	34.050	ng		88
4) n-Nitrosodimethylamine	3.67	42	134751	34.565	ng		79
6) Aniline	6.68	93	439291	39.052	ng	#	77
8) 2-Chlorophenol	6.80	128	344531	38.715	ng		93
9) Benzaldehyde	6.57	77	247905	38.476	ng		96
10) Phenol	6.66	94	466739	38.395	ng		84
11) bis(2-Chloroethyl)ether	6.74	93	402764	37.627	ng		95
12) 1,3-Dichlorobenzene	6.94	146	394734	38.256	ng		98
13) 1,4-Dichlorobenzene	7.02	146	436437	38.749	ng		98
14) 1,2-Dichlorobenzene	7.17	146	386222	37.337	ng		98
15) Benzyl Alcohol	7.15	79	288328	38.450	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.27	45	624438	38.026	ng		61
17) 2-Methylphenol	7.26	107	278049	40.186	ng	#	76
18) Hexachloroethane	7.51	117	147939	38.193	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	273113	39.122	ng		93
20) 3+4-Methylphenols	7.42	107	364220	42.013	ng	#	33
22) Acetophenone	7.42	105	517132	38.672	ng	#	89
24) Nitrobenzene	7.59	77	421019	39.345	ng		93
25) Isophorone	7.82	82	668233	38.118	ng		96
26) 2-Nitrophenol	7.90	139	191211	39.473	ng	#	85
27) 2,4-Dimethylphenol	7.94	122	263398	37.387	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	420872	38.004	ng		98
29) 2,4-Dichlorophenol	8.15	162	322633	38.601	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	361463	38.674	ng		97
31) Naphthalene	8.31	128	960320m	37.638	ng		
32) Benzoic acid	8.09	122	151045m	33.432	ng		
33) 4-Chloroaniline	8.37	127	435713	38.685	ng		98
34) Hexachlorobutadiene	8.41	225	234226	38.168	ng		99
35) Caprolactam	8.75	113	87711	39.383	ng	#	76
36) 4-Chloro-3-methylphenol	8.85	107	345375	38.501	ng		98
37) 2-Methylnaphthalene	9.00	142	665678	38.562	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	384606	38.012	ng		97
40) Hexachlorocyclopentadiene	9.14	237	141423	37.380	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	233399	38.954	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	279096	39.945	ng		94
45) 1,1'-Biphenyl	9.46	154	936444	37.743	ng		98
46) 2-Chloronaphthalene	9.50	162	734112	37.794	ng		98
47) 2-Nitroaniline	9.60	65	246999	38.021	ng		88
48) Acenaphthylene	9.91	152	1068007	37.557	ng		99
49) Dimethylphthalate	9.76	163	847559	37.766	ng		99
50) 2,6-Dinitrotoluene	9.84	165	191096	38.630	ng		96
51) Acenaphthene	10.08	154	635824	37.395	ng		98
52) 3-Nitroaniline	10.02	138	204095	38.138	ng		91
53) 2,4-Dinitrophenol	10.12	184	66154	39.328	ng	#	32
54) Dibenzofuran	10.25	168	1000368	37.600	ng		95
55) 4-Nitrophenol	10.24	139	127950m	40.007	ng		
56) 2,4-Dinitrotoluene	10.24	165	252770	38.591	ng	#	90
57) Fluorene	10.60	166	769866	37.339	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	242129	38.683	ng	#	80
59) Diethylphthalate	10.46	149	858022	37.948	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	441270	37.716	ng		93
61) 4-Nitroaniline	10.65	138	198028	38.241	ng		90
62) Azobenzene	10.75	77	835606	37.181	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	104497	38.774	ng		91
65) n-Nitrosodiphenylamine	10.71	169	748315	37.083	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	285414	38.234	ng	#	88
67) Hexachlorobenzene	11.15	284	302221	37.579	ng	#	86
68) Atrazine	11.23	200	221195	36.866	ng		96
69) Pentachlorophenol	11.35	266	170450	39.886	ng		99
70) Phenanthrene	11.57	178	1146553	37.399	ng		99
71) Anthracene	11.62	178	1208927	37.529	ng		100
72) Carbazole	11.78	167	1175298	37.733	ng		99
73) Di-n-butylphthalate	12.08	149	1335000	37.253	ng		99
74) Fluoranthene	12.77	202	1285296	37.246	ng		95
76) Benzidine	12.89	184	552580	42.629	ng		97
77) Pyrene	12.99	202	1302216	37.618	ng		99
79) Butylbenzylphthalate	13.59	149	556225	38.213	ng		94
80) Benzo(a)anthracene	14.19	228	1045960	37.259	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	378096	37.138	ng	#	96
82) Chrysene	14.23	228	1001400	37.093	ng		100
83) Bis(2-ethylhexyl)phthalate	14.14	149	710450	37.972	ng		99
84) Di-n-octyl phthalate	14.76	149	1041481	37.860	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	649812	34.616	ng	#	89
87) Benzo(b)fluoranthene	15.29	252	737322	36.511	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	802982	40.139	ng	#	96
89) Benzo(a)pyrene	15.69	252	696173	38.147	ng	#	97
90) Dibenzo(a,h)anthracene	17.39	278	548166	37.608	ng	#	93
91) Benzo(g,h,i)perylene	17.87	276	531449	37.515	ng	#	89

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

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