Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091418\
Data File : BF108991.D
Acq On : 14 Sep 2018 13:28
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF091418

Manual Integrations APPROVED
Sohil
9/17/2018 1:59:22 PM

Quant Time: Sep 14 13:59:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 14 13:26:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	219644	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	903035	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	445843	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	859452	20.00	ng		0.00
75) Chrysene-d12	13.87	240	604530	20.00	ng		0.00
86) Perylene-d12	15.27	264	624148	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	984033	74.41	ng		0.00
7) Phenol-d6	6.37	99	1327014	77.82	ng		0.00
23) Nitrobenzene-d5	7.29	82	1255929	78.01	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	380532	78.65	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2110018	74.15	ng		0.00
78) Terphenyl-d14	12.82	244	1894698	74.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	237552	37.736	ng		93
3) Pyridine	3.08	79	653291	39.148	ng		91
4) n-Nitrosodimethylamine	3.03	42	260978	41.409	ng	#	94
6) Aniline	6.39	93	879525	39.904	ng		98
8) 2-Chlorophenol	6.51	128	580457	39.222	ng		95
9) Benzaldehyde	6.27	77	435698	40.006	ng		99
10) Phenol	6.38	94	728541	37.970	ng		76
11) bis(2-Chloroethyl)ether	6.47	93	605051	40.083	ng		96
12) 1,3-Dichlorobenzene	6.67	146	653437	38.608	ng		99
13) 1,4-Dichlorobenzene	6.74	146	655190	38.588	ng		98
14) 1,2-Dichlorobenzene	6.90	146	602235	38.259	ng		99
15) Benzyl Alcohol	6.87	79	516748	39.916	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	868106	40.138	ng		96
17) 2-Methylphenol	6.98	107	490378	40.614	ng		98
18) Hexachloroethane	7.24	117	243947	39.559	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	458502	40.678	ng		97
20) 3+4-Methylphenols	7.14	107	553440	38.059	ng	#	67
22) Acetophenone	7.14	105	771773	37.633	ng	#	91
24) Nitrobenzene	7.31	77	655751	39.504	ng		98
25) Isophorone	7.55	82	1111370	40.157	ng		98
26) 2-Nitrophenol	7.62	139	318077	41.037	ng		99
27) 2,4-Dimethylphenol	7.67	122	482961	39.722	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	723326	38.838	ng		99
29) 2,4-Dichlorophenol	7.87	162	515740	39.805	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	537913	38.407	ng		98
31) Naphthalene	8.03	128	1587422	37.874	ng		99
32) Benzoic acid	7.82	122	338850m	42.652	ng		
33) 4-Chloroaniline	8.08	127	716238	38.434	ng		99
34) Hexachlorobutadiene	8.15	225	333974	39.059	ng		99
35) Caprolactam	8.47	113	176214m	41.716	ng		
36) 4-Chloro-3-methylphenol	8.57	107	533996	39.151	ng		98
37) 2-Methylnaphthalene	8.72	142	1033450	37.825	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	519183	36.999	ng		98
40) Hexachlorocyclopentadiene	8.88	237	304224	43.030	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	373550	39.605	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	397315	40.310	ng		97
45) 1,1'-Biphenyl	9.19	154	1323905	37.116	ng		98
46) 2-Chloronaphthalene	9.21	162	1080663	37.830	ng		100
47) 2-Nitroaniline	9.30	65	352771	40.170	ng		96
48) Acenaphthylene	9.62	152	1615573	37.511	ng		100
49) Dimethylphthalate	9.50	163	1235476	38.771	ng		99
50) 2,6-Dinitrotoluene	9.55	165	283288	40.087	ng		98
51) Acenaphthene	9.80	154	1017235	37.930	ng		99
52) 3-Nitroaniline	9.71	138	333230	40.045	ng		94
53) 2,4-Dinitrophenol	9.81	184	123577	45.374	ng	#	21
54) Dibenzofuran	9.97	168	1418146	36.592	ng		96
55) 4-Nitrophenol	9.87	139	257552	42.009	ng		96
56) 2,4-Dinitrotoluene	9.95	165	377502	40.847	ng	#	100
57) Fluorene	10.31	166	978406	37.883	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	325157	39.841	ng		90
59) Diethylphthalate	10.19	149	1249484	38.829	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	523191	37.832	ng		93
61) 4-Nitroaniline	10.33	138	323251	40.888	ng		98
62) Azobenzene	10.46	77	1238402	37.596	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	180714	43.947	ng		78
65) n-Nitrosodiphenylamine	10.42	169	1094943	38.948	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	378338	39.047	ng	#	85
67) Hexachlorobenzene	10.85	284	408241	39.391	ng	#	91
68) Atrazine	10.95	200	358272	39.810	ng		99
69) Pentachlorophenol	11.04	266	292159	44.061	ng		97
70) Phenanthrene	11.26	178	1586481	37.657	ng		99
71) Anthracene	11.31	178	1572075	36.810	ng		99
72) Carbazole	11.47	167	1574834	37.251	ng		98
73) Di-n-butylphthalate	11.81	149	1851374	37.411	ng		99
74) Fluoranthene	12.44	202	1687607	37.943	ng		98
76) Benzidine	12.56	184	931920	43.549	ng		97
77) Pyrene	12.67	202	1720337	38.312	ng		99
79) Butylbenzylphthalate	13.30	149	820564	40.914	ng		98
80) Benzo(a)anthracene	13.85	228	1398630	38.214	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	592120	40.091	ng		97
82) Chrysene	13.90	228	1440447	39.336	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	938144	38.632	ng		99
84) Di-n-octyl phthalate	14.47	149	1795793	43.603	ng		100
85) Indeno(1,2,3-cd)pyrene	16.62	276	1175984	40.169	ng		94
87) Benzo(b)fluoranthene	14.87	252	1351154	39.131	ng		98
88) Benzo(k)fluoranthene	14.90	252	1231293	38.179	ng		98
89) Benzo(a)pyrene	15.21	252	1191970	38.872	ng		98
90) Dibenzo(a,h)anthracene	16.64	278	967645	37.560	ng		96
91) Benzo(g,h,i)perylene	17.03	276	952366	36.976	ng		93

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

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