Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110926.D
Acq On : 21 Nov 2018 14:15
Operator : JU/SJ
Sample : J6014-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TS-BUCKETSMSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:48:55 AM

Quant Time: Nov 23 00:21:03 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	57630	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	233237	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	113778	20.00	ng		-0.01
64) Phenanthrene-d10	11.48	188	217258	20.00	ng		0.00
76) Chrysene-d12	14.13	240	139287	20.00	ng		0.00
87) Perylene-d12	15.67	264	115536	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	488164	137.59	ng		0.00
7) Phenol-d6	6.57	99	613646	135.25	ng		0.00
23) Nitrobenzene-d5	7.51	82	384379	94.91	ng		0.00
42) 2,4,6-Tribromophenol	10.78	330	150578	131.34	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	612931	76.94	ng		0.00
79) Terphenyl-d14	13.06	244	623091	83.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	50472	28.551	ng	#	86
3) Pyridine	3.60	79	135546	35.522	ng	#	84
4) n-Nitrosodimethylamine	3.55	42	76424	46.678	ng		87
6) Aniline	6.61	93	151281	25.569	ng	#	56
8) 2-Chlorophenol	6.73	128	174272	41.900	ng		95
9) Benzaldehyde	6.50	77	75203	28.617	ng		95
10) Phenol	6.59	94	242678	46.129	ng	#	68
11) bis(2-Chloroethyl)ether	6.67	93	155193	39.363	ng		91
12) 1,3-Dichlorobenzene	6.88	146	177205	38.939	ng		99
13) 1,4-Dichlorobenzene	6.96	146	182836	39.565	ng		97
14) 1,2-Dichlorobenzene	7.11	146	172530	40.133	ng		98
15) Benzyl Alcohol	7.09	79	148778	41.904	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	248658	40.161	ng		74
17) 2-Methylphenol	7.19	107	138205	41.752	ng	#	85
18) Hexachloroethane	7.45	117	68400	40.093	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	117128	40.443	ng		95
20) 3+4-Methylphenols	7.35	107	183307	43.139	ng	#	85
22) Acetophenone	7.35	105	239906	44.135	ng	#	91
24) Nitrobenzene	7.53	77	183460	44.213	ng		97
25) Isophorone	7.76	82	320700	48.313	ng		95
26) 2-Nitrophenol	7.85	139	92647	44.755	ng		94
27) 2,4-Dimethylphenol	7.87	122	158629	50.317	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	202652	45.090	ng		99
29) 2,4-Dichlorophenol	8.09	162	147442	45.452	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	153398	41.941	ng		95
31) Naphthalene	8.25	128	497223	45.412	ng		100
32) Benzoic acid	7.99	122	31727	14.224	ng		91
33) 4-Chloroaniline	8.30	127	69655	14.045	ng		97
34) Hexachlorobutadiene	8.35	225	83971	40.195	ng		97
35) Caprolactam	8.67	113	43655m	40.280	ng		
36) 4-Chloro-3-methylphenol	8.79	107	161466	46.152	ng		96
37) 2-Methylnaphthalene	8.94	142	346438	48.266	ng		99
38) 1-Methylnaphthalene	9.04	142	322388	46.703	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	144819	40.210	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	40250	33.561	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	98039	43.319	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	102989	42.661	ng		94
46) 1,1'-Biphenyl	9.40	154	422637	39.819	ng		100
47) 2-Chloronaphthalene	9.43	162	317116	41.471	ng		99
48) 2-Nitroaniline	9.53	65	105379	44.721	ng		98
49) Acenaphthylene	9.85	152	499924	45.397	ng		99
50) Dimethylphthalate	9.70	163	431766	50.857	ng		99
51) 2,6-Dinitrotoluene	9.77	165	83274	44.589	ng		95
52) Acenaphthene	10.02	154	299727	43.068	ng		98
53) 3-Nitroaniline	9.95	138	55665	25.727	ng		93
54) 2,4-Dinitrophenol	10.07	184	32213	45.456	ng		92
55) Dibenzofuran	10.19	168	435228	42.745	ng		99
56) 4-Nitrophenol	10.12	139	104973	73.129	ng		96
57) 2,4-Dinitrotoluene	10.19	165	112072	46.153	ng		97
58) Fluorene	10.54	166	364759	46.640	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	87051	45.837	ng		94
60) Diethylphthalate	10.40	149	382621	45.555	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	170456	42.095	ng		99
62) 4-Nitroaniline	10.57	138	82883	38.040	ng		99
63) Azobenzene	10.68	77	352955	43.072	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	34572	31.574	ng		95
66) n-Nitrosodiphenylamine	10.65	169	316468	43.215	ng		96
67) 4-Bromophenyl-phenylether	11.01	248	100920	42.030	ng	#	87
68) Hexachlorobenzene	11.09	284	106036	41.886	ng	#	90
69) Atrazine	11.17	200	105598	47.161	ng		97
70) Pentachlorophenol	11.29	266	80524	59.612	ng		97
71) Phenanthrene	11.50	178	529962	45.531	ng		100
72) Anthracene	11.56	178	549697	46.817	ng		99
73) Carbazole	11.72	167	484155	42.936	ng		100
74) Di-n-butylphthalate	12.02	149	608955	46.052	ng		99
75) Fluoranthene	12.70	202	543422	46.568	ng		96
77) Benzidine	12.82	184	133265	34.791	ng		97
78) Pyrene	12.93	202	534754	49.862	ng		99
80) Butylbenzylphthalate	13.53	149	242200	52.469	ng		98
81) Benzo(a)anthracene	14.12	228	388895	46.712	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	74377	26.669	ng		100
83) Chrysene	14.16	228	361144	45.533	ng		98
84) Bis(2-ethylhexyl)phthalate	14.07	149	324340	56.640	ng		97
85) Di-n-octyl phthalate	14.69	149	462046	54.870	ng		98
86) Indeno(1,2,3-cd)pyrene	17.26	276	369044	64.840	ng		98
88) Benzo(b)fluoranthene	15.21	252	289482	41.883	ng		99
89) Benzo(k)fluoranthene	15.24	252	306576	44.889	ng		99
90) Benzo(a)pyrene	15.60	252	295683	47.084	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	307227	57.811	ng		98
92) Benzo(g,h,i)perylene	17.74	276	312044	59.180	ng		99

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

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