Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
Data File : BF111047.D
Acq On : 28 Nov 2018 16:02
Operator : JU/SJ
Sample : J6083-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2MS

Manual Integrations APPROVED
mohammad
11/29/2018 1:58:21 PM

Quant Time: Nov 29 10:33:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 29 10:23:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60485	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	248629	20.00	ng		0.00
39) Acenaphthene-d10	9.97	164	117450	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	200387	20.00	ng		0.00
76) Chrysene-d12	14.13	240	116743	20.00	ng		0.00
87) Perylene-d12	15.66	264	119251	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	514165	140.97	ng		0.01
7) Phenol-d6	6.57	99	659631	138.78	ng		0.00
23) Nitrobenzene-d5	7.50	82	422413	97.23	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	149955	128.56	ng		0.00
45) 2-Fluorobiphenyl	9.29	172	711334	87.74	ng		0.00
79) Terphenyl-d14	13.05	244	542149	90.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	57231	32.752	ng	#	86
3) Pyridine	3.60	79	162668	42.512	ng	#	86
4) n-Nitrosodimethylamine	3.57	42	83530	47.707	ng		89
6) Aniline	6.61	93	197910	33.682	ng	#	56
8) 2-Chlorophenol	6.72	128	198542	45.931	ng		98
9) Benzaldehyde	6.50	77	119144	50.144	ng		99
10) Phenol	6.59	94	274830	51.342	ng	#	66
11) bis(2-Chloroethyl)ether	6.67	93	176317	43.721	ng		94
12) 1,3-Dichlorobenzene	6.87	146	203854	42.928	ng		97
13) 1,4-Dichlorobenzene	6.95	146	211113	43.232	ng		98
14) 1,2-Dichlorobenzene	7.10	146	199892	43.492	ng		99
15) Benzyl Alcohol	7.08	79	165995	45.443	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	282438	44.007	ng		93
17) 2-Methylphenol	7.19	107	161089	46.871	ng	#	86
18) Hexachloroethane	7.43	117	77647	43.226	ng		92
19) n-Nitroso-di-n-propylamine	7.35	70	138535	44.744	ng		97
20) 3+4-Methylphenols	7.35	107	207787	45.481	ng	#	65
22) Acetophenone	7.35	105	276436	47.434	ng	#	93
24) Nitrobenzene	7.52	77	207732	45.981	ng		96
25) Isophorone	7.76	82	375771	52.731	ng		97
26) 2-Nitrophenol	7.84	139	104198	47.473	ng		95
27) 2,4-Dimethylphenol	7.87	122	178777	53.936	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	234644	49.149	ng		98
29) 2,4-Dichlorophenol	8.08	162	166940	48.130	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	175061	45.036	ng		98
31) Naphthalene	8.24	128	572578	49.129	ng		99
33) 4-Chloroaniline	8.30	127	90276	18.199	ng		98
34) Hexachlorobutadiene	8.34	225	96489	43.582	ng		99
35) Caprolactam	8.67	113	51164	43.207	ng		91
36) 4-Chloro-3-methylphenol	8.78	107	180728	46.895	ng		97
37) 2-Methylnaphthalene	8.93	142	387264	50.307	ng		99
38) 1-Methylnaphthalene	9.03	142	363356	48.527	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	165404	44.768	ng		99
41) Hexachlorocyclopentadiene	9.07	237	39347	67.787	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.22	196	96271	43.628	ng		97
44) 2,4,5-Trichlorophenol	9.26	196	109660	47.196	ng		96
46) 1,1'-Biphenyl	9.39	154	472790	43.663	ng		99
47) 2-Chloronaphthalene	9.42	162	357124	45.487	ng		99
48) 2-Nitroaniline	9.53	65	114449	46.605	ng		94
49) Acenaphthylene	9.84	152	540881	48.448	ng		99
50) Dimethylphthalate	9.69	163	450672	52.320	ng		99
51) 2,6-Dinitrotoluene	9.77	165	90308	47.094	ng	#	89
52) Acenaphthene	10.01	154	330159	46.131	ng		98
53) 3-Nitroaniline	9.95	138	71524	32.002	ng		95
55) Dibenzofuran	10.18	168	470223	45.036	ng		99
56) 4-Nitrophenol	10.12	139	57772	48.273	ng	#	88
57) 2,4-Dinitrotoluene	10.19	165	113402	45.581	ng		96
58) Fluorene	10.53	166	384916	47.383	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.31	232	76211m	39.967	ng		
60) Diethylphthalate	10.39	149	409225	46.069	ng		99
61) 4-Chlorophenyl-phenylether	10.51	204	185476	43.652	ng		98
62) 4-Nitroaniline	10.57	138	92285	44.347	ng		95
63) Azobenzene	10.67	77	379941	43.883	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	13477	14.218	ng		84
66) n-Nitrosodiphenylamine	10.63	169	332708	49.875	ng		97
67) 4-Bromophenyl-phenylether	11.00	248	105866	48.509	ng		93
68) Hexachlorobenzene	11.08	284	108814	46.811	ng		95
69) Atrazine	11.16	200	104971	61.146	ng		97
70) Pentachlorophenol	11.28	266	56341	60.921	ng		96
71) Phenanthrene	11.50	178	521584	49.145	ng		100
72) Anthracene	11.55	178	542798	50.221	ng		99
73) Carbazole	11.71	167	461251	43.968	ng		99
74) Di-n-butylphthalate	12.01	149	579954	47.283	ng		99
75) Fluoranthene	12.69	202	456292	41.831	ng		100
77) Benzidine	12.82	184	206549	69.171	ng		96
78) Pyrene	12.93	202	437748	51.339	ng		98
80) Butylbenzylphthalate	13.52	149	186958	48.566	ng		99
81) Benzo(a)anthracene	14.12	228	344585	49.995	ng		98
82) 3,3'-Dichlorobenzidine	14.07	252	96282	40.740	ng		100
83) Chrysene	14.16	228	328167	48.367	ng		99
84) Bis(2-ethylhexyl)phthalate	14.06	149	244264	47.619	ng		96
85) Di-n-octyl phthalate	14.68	149	412672	50.966	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	374581	76.913	ng		98
88) Benzo(b)fluoranthene	15.20	252	328785	46.932	ng		98
89) Benzo(k)fluoranthene	15.23	252	319963	44.373	ng		98
90) Benzo(a)pyrene	15.60	252	325361	49.895	ng		98
91) Dibenzo(a,h)anthracene	17.26	278	314347	58.425	ng		99
92) Benzo(g,h,i)perylene	17.74	276	298917	57.621	ng		99

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

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