Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090618\
Data File : BF108844.D
Acq On : 7 Sep 2018 00:47
Operator : JU/SJ
Sample : J4803-19MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EP1-Q2-J6-MSD

Manual Integrations APPROVED
Sohil
9/7/2018 11:15:58 AM

Quant Time: Sep 07 03:44:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	234365	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	843460	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	359198	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	570788	20.00	ng		0.00
75) Chrysene-d12	13.87	240	469072	20.00	ng		0.00
86) Perylene-d12	15.28	264	630143	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1463199	103.43	ng		0.02
7) Phenol-d6	6.38	99	1903968	104.60	ng		0.01
23) Nitrobenzene-d5	7.30	82	1200313	89.06	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	344690	100.52	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1896492	90.07	ng		0.00
78) Terphenyl-d14	12.82	244	1536798	76.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	242223	35.627	ng		93
3) Pyridine	3.17	79	668294	35.893	ng		91
4) n-Nitrosodimethylamine	3.11	42	316388	44.242	ng	#	93
6) Aniline	6.40	93	823902	33.654	ng	#	91
8) 2-Chlorophenol	6.52	128	614284	39.229	ng		97
9) Benzaldehyde	6.28	77	374138	28.974	ng		99
10) Phenol	6.39	94	785663	37.685	ng		83
11) bis(2-Chloroethyl)ether	6.48	93	631832	37.832	ng		96
12) 1,3-Dichlorobenzene	6.68	146	677813	37.932	ng		97
13) 1,4-Dichlorobenzene	6.75	146	681291	38.126	ng		99
14) 1,2-Dichlorobenzene	6.91	146	636589	38.649	ng		99
15) Benzyl Alcohol	6.88	79	550189	39.387	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	958094	38.378	ng		97
17) 2-Methylphenol	7.00	107	510723	38.594	ng		99
18) Hexachloroethane	7.25	117	245122	38.043	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	444462	35.129	ng		99
20) 3+4-Methylphenols	7.15	107	584075	37.678	ng	#	62
22) Acetophenone	7.15	105	799388	41.760	ng	#	92
24) Nitrobenzene	7.32	77	655509	45.328	ng		97
25) Isophorone	7.56	82	1201051	44.675	ng		98
26) 2-Nitrophenol	7.64	139	269457	47.295	ng		94
27) 2,4-Dimethylphenol	7.68	122	542416	46.883	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	763735	42.490	ng		99
29) 2,4-Dichlorophenol	7.88	162	482687	40.461	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	519013	40.144	ng		97
31) Naphthalene	8.04	128	1670703	44.027	ng		99
32) Benzoic acid	7.80	122	2968m	4.427	ng		
33) 4-Chloroaniline	8.08	127	576678	33.089	ng		98
34) Hexachlorobutadiene	8.17	225	314303	40.694	ng		98
35) Caprolactam	8.44	113	150357m	37.194	ng		
36) 4-Chloro-3-methylphenol	8.57	107	492957	38.789	ng		99
37) 2-Methylnaphthalene	8.73	142	1095913	43.715	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	468858	43.666	ng		99
40) Hexachlorocyclopentadiene	8.89	237	294365	54.494	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	302130	41.311	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	312476	41.218	ng		97
45) 1,1'-Biphenyl	9.20	154	1242040	44.915	ng		99
46) 2-Chloronaphthalene	9.22	162	962267	43.026	ng		98
47) 2-Nitroaniline	9.31	65	301981	49.426	ng		97
48) Acenaphthylene	9.63	152	1505041	45.147	ng		99
49) Dimethylphthalate	9.50	163	1644134	65.442	ng		98
50) 2,6-Dinitrotoluene	9.55	165	234991	49.087	ng		92
51) Acenaphthene	9.80	154	855630	41.477	ng		99
52) 3-Nitroaniline	9.71	138	244137	42.842	ng		93
53) 2,4-Dinitrophenol	9.81	184	1026	9.814	ng	#	1
54) Dibenzofuran	9.97	168	1247755	41.494	ng		98
55) 4-Nitrophenol	9.87	139	293757	68.954	ng		97
56) 2,4-Dinitrotoluene	9.95	165	282054	46.071	ng	#	95
57) Fluorene	10.31	166	885551	45.890	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	207548	33.949	ng		89
59) Diethylphthalate	10.20	149	1049963	40.498	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	433724	42.084	ng		96
61) 4-Nitroaniline	10.32	138	212345	41.132	ng		98
62) Azobenzene	10.47	77	1066376	39.846	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	7732	9.820	ng		85
65) n-Nitrosodiphenylamine	10.42	169	868471	45.763	ng		96
66) 4-Bromophenyl-phenylether	10.80	248	282607	43.837	ng	#	89
67) Hexachlorobenzene	10.87	284	286779	41.671	ng	#	85
68) Atrazine	10.95	200	269837	44.416	ng		98
69) Pentachlorophenol	11.05	266	205066	48.739	ng		99
70) Phenanthrene	11.27	178	1246017	45.713	ng		99
71) Anthracene	11.32	178	1282586	49.145	ng		99
72) Carbazole	11.47	167	1123628	40.882	ng		100
73) Di-n-butylphthalate	11.81	149	1458579	47.789	ng		100
74) Fluoranthene	12.45	202	1285075	47.617	ng		99
76) Benzidine	12.57	184	937430	42.165	ng		99
77) Pyrene	12.68	202	1307129	36.214	ng		99
79) Butylbenzylphthalate	13.30	149	604967	37.219	ng		94
80) Benzo(a)anthracene	13.86	228	1268062	42.176	ng		98
81) 3,3'-Dichlorobenzidine	13.82	252	490922	41.910	ng		96
82) Chrysene	13.89	228	1256648	43.175	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	802230	39.274	ng		99
84) Di-n-octyl phthalate	14.48	149	1578995	46.366	ng		99
85) Indeno(1,2,3-cd)pyrene	16.63	276	1337766	51.935	ng		96
87) Benzo(b)fluoranthene	14.88	252	1393898	40.681	ng		98
88) Benzo(k)fluoranthene	14.91	252	1340772	42.491	ng		99
89) Benzo(a)pyrene	15.22	252	1353160	43.767	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	1125542	41.315	ng		97
91) Benzo(g,h,i)perylene	17.04	276	1047353	38.397	ng		94

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

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