Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111418\
Data File : BM017649.D
Acq On : 14 Nov 2018 16:13
Operator : MJ/SJ
Sample : J5918-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FDSB-05(25-27)MS

Manual Integrations APPROVED
Sohil
11/16/2018 10:17:07 AM

Quant Time: Nov 15 10:38:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	267387	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1154660	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	697210	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1604740	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1706116	20.00	ng	0.00
87) Perylene-d12	23.40	264	1487124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2563590	161.80	ng	0.00
7) Phenol-d6	6.81	99	3516599	158.92	ng	0.00
23) Nitrobenzene-d5	8.77	82	2227602	99.60	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1635936	163.30	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4991096	92.87	ng	0.00
79) Terphenyl-d14	19.66	244	7690932	102.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	218021	33.041	ng	100
3) Pyridine	3.61	79	680916	35.179	ng	98
4) n-Nitrosodimethylamine	3.53	42	407073	47.744	ng	97
6) Aniline	6.96	93	1008230	36.742	ng	100
8) 2-Chlorophenol	7.19	128	908310	47.903	ng	100
9) Benzaldehyde	6.78	77	477867	29.645	ng	98
10) Phenol	6.84	94	1306249	56.240	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	785795	42.857	ng	98
12) 1,3-Dichlorobenzene	7.50	146	874781	41.121	ng	98
13) 1,4-Dichlorobenzene	7.65	146	905586	41.531	ng	99
14) 1,2-Dichlorobenzene	7.96	146	889872	42.087	ng	98
15) Benzyl Alcohol	7.86	79	829166	47.052	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1184598	42.434	ng	99
17) 2-Methylphenol	8.06	107	764421	48.855	ng	100
18) Hexachloroethane	8.67	117	335244	43.622	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	699926	44.052	ng	96
20) 3+4-Methylphenols	8.39	107	1054565	48.509	ng	100
22) Acetophenone	8.44	105	1337610	46.415	ng	99
24) Nitrobenzene	8.82	77	1034262	45.577	ng	99
25) Isophorone	9.34	82	1846477	53.451	ng	99
26) 2-Nitrophenol	9.52	139	503766	48.196	ng	98
27) 2,4-Dimethylphenol	9.58	122	843109	55.968	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1150990	49.194	ng	97
29) 2,4-Dichlorophenol	10.05	162	903237	51.652	ng	100
30) 1,2,4-Trichlorobenzene	10.25	180	914466	44.962	ng	99
31) Naphthalene	10.43	128	2763745	48.682	ng	98
32) Benzoic acid	9.70	122	118006m	8.648	ng	
33) 4-Chloroaniline	10.56	127	382815	15.397	ng	98
34) Hexachlorobutadiene	10.71	225	543695	43.060	ng	99
35) Caprolactam	11.37	113	293789m	45.621	ng	
36) 4-Chloro-3-methylphenol	11.70	107	1014439	50.246	ng	98
37) 2-Methylnaphthalene	12.06	142	2114298	52.694	ng	99
38) 1-Methylnaphthalene	12.28	142	1996694	50.752	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	1085719	44.161	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1349677	106.239	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	761262	49.434	ng	97
44) 2,4,5-Trichlorophenol	12.75	196	818827	50.358	ng	97
46) 1,1'-Biphenyl	13.09	154	2704992	43.223	ng	100
47) 2-Chloronaphthalene	13.13	162	2108833	45.399	ng	99
48) 2-Nitroaniline	13.35	65	707810	49.272	ng	99
49) Acenaphthylene	13.98	152	3516887	50.392	ng	100
50) Dimethylphthalate	13.74	163	3193338	56.334	ng	98
51) 2,6-Dinitrotoluene	13.86	165	616873	48.871	ng	99
52) Acenaphthene	14.33	154	2031996	47.442	ng	99
53) 3-Nitroaniline	14.19	138	437433	31.830	ng	99
54) 2,4-Dinitrophenol	14.40	184	386447	52.805	ng	97
55) Dibenzofuran	14.66	168	3287270	46.965	ng	99
56) 4-Nitrophenol	14.51	139	1031553	88.724	ng	98
57) 2,4-Dinitrotoluene	14.65	165	874795	51.413	ng	99
58) Fluorene	15.32	166	2719294	50.747	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	776666	51.932	ng	99
60) Diethylphthalate	15.10	149	2769372	45.216	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1371863	45.062	ng	99
62) 4-Nitroaniline	15.36	138	625475	48.293	ng	97
63) Azobenzene	15.61	77	2683934	47.403	ng	100
65) 4,6-Dinitro-2-methylphenol	15.41	198	434240	39.061	ng	95
66) n-Nitrosodiphenylamine	15.54	169	2371650	45.967	ng	100
67) 4-Bromophenyl-phenylether	16.21	248	855693	45.086	ng	96
68) Hexachlorobenzene	16.32	284	959323	44.837	ng	99
69) Atrazine	16.50	200	863093	45.482	ng	96
70) Pentachlorophenol	16.67	266	1207275	80.531	ng	100
71) Phenanthrene	17.06	178	4298478	49.364	ng	100
72) Anthracene	17.14	178	4409932	52.045	ng	100
73) Carbazole	17.43	167	3987847	46.575	ng	99
74) Di-n-butylphthalate	17.99	149	4756376	49.902	ng	100
75) Fluoranthene	19.08	202	5010037	50.851	ng	99
77) Benzidine	19.28	184	2761917	49.712	ng	100
78) Pyrene	19.44	202	5172471	49.136	ng	99
80) Butylbenzylphthalate	20.36	149	2198492	51.420	ng	99
81) Benzo(a)anthracene	21.20	228	4922450	50.080	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1417970	37.378	ng	99
83) Chrysene	21.25	228	4624671	48.442	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	3105898	49.138	ng	100
85) Di-n-octyl phthalate	22.00	149	5194715	51.325	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	4184791	54.855	ng	100
88) Benzo(b)fluoranthene	22.75	252	4462806	51.243	ng	99
89) Benzo(k)fluoranthene	22.80	252	4408979	50.087	ng	99
90) Benzo(a)pyrene	23.32	252	4108400	51.737	ng	99
91) Dibenzo(a,h)anthracene	25.61	278	3542769	53.068	ng	100
92) Benzo(g,h,i)perylene	26.26	276	3380529	53.848	ng	99

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

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