Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
Data File : BM017560.D
Acq On : 07 Nov 2018 15:12
Operator : MJ/SJ
Sample : J5805-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-SAMPLES(1-5)MSD

Manual Integrations APPROVED
Sohil
11/9/2018 1:39:10 PM

Quant Time: Nov 07 16:02:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	248573	20.00	ng		-0.02
21) Naphthalene-d8	10.40	136	1042295	20.00	ng		-0.02
39) Acenaphthene-d10	14.27	164	668595	20.00	ng		-0.02
64) Phenanthrene-d10	17.02	188	1655251	20.00	ng		-0.02
76) Chrysene-d12	21.22	240	1952222	20.00	ng		-0.02
87) Perylene-d12	23.42	264	1810451	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1748012	118.94	ng		-0.01
7) Phenol-d6	6.82	99	2166580	108.24	ng		-0.02
23) Nitrobenzene-d5	8.78	82	1696278	95.18	ng		-0.02
42) 2,4,6-Tribromophenol	15.77	330	1342843	148.52	ng		-0.02
45) 2-Fluorobiphenyl	12.88	172	4192619	83.44	ng		-0.02
79) Terphenyl-d14	19.66	244	7805596	90.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	207738	27.681	ng	#	74
3) Pyridine	3.63	79	450678	26.099	ng	#	79
4) n-Nitrosodimethylamine	3.55	42	319411	46.077	ng	#	65
6) Aniline	6.97	93	275945	11.022	ng		96
8) 2-Chlorophenol	7.20	128	715109	42.059	ng		94
9) Benzaldehyde	6.79	77	203508	15.946	ng		93
10) Phenol	6.84	94	764048	35.467	ng		98
11) bis(2-Chloroethyl)ether	7.07	93	671041	39.076	ng		95
12) 1,3-Dichlorobenzene	7.52	146	736056	37.137	ng		97
13) 1,4-Dichlorobenzene	7.66	146	749447	37.010	ng		96
14) 1,2-Dichlorobenzene	7.97	146	737255	37.788	ng		98
15) Benzyl Alcohol	7.87	79	673897	46.060	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.15	45	986113	41.102	ng		96
17) 2-Methylphenol	8.07	107	599254	43.339	ng		97
18) Hexachloroethane	8.68	117	274239	39.573	ng		95
19) n-Nitroso-di-n-propylamine	8.43	70	586054	44.466	ng		97
20) 3+4-Methylphenols	8.40	107	810651	42.865	ng		96
22) Acetophenone	8.45	105	1120462	42.408	ng	#	97
24) Nitrobenzene	8.82	77	852808	45.239	ng		92
25) Isophorone	9.35	82	1590994	54.064	ng		98
26) 2-Nitrophenol	9.52	139	392775	44.933	ng		96
27) 2,4-Dimethylphenol	9.59	122	689378	52.978	ng		97
28) bis(2-Chloroethoxy)methane	9.83	93	970263	46.843	ng		100
29) 2,4-Dichlorophenol	10.05	162	729272	48.269	ng		97
30) 1,2,4-Trichlorobenzene	10.26	180	731199	40.343	ng		99
31) Naphthalene	10.45	128	2286884	44.772	ng		99
32) Benzoic acid	9.75	122	492237m	50.698	ng		
33) 4-Chloroaniline	10.58	127	118353	5.365	ng		94
34) Hexachlorobutadiene	10.72	225	434018	37.794	ng		100
35) Caprolactam	11.37	113	193195m	35.087	ng		
36) 4-Chloro-3-methylphenol	11.70	107	866008	50.851	ng		95
37) 2-Methylnaphthalene	12.06	142	1771771	50.690	ng		98
38) 1-Methylnaphthalene	12.29	142	1696530	49.869	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	910303	38.661	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1109837	97.501	ng		99
43) 2,4,6-Trichlorophenol	12.69	196	643187	47.057	ng		99
44) 2,4,5-Trichlorophenol	12.76	196	713305	48.667	ng		97
46) 1,1'-Biphenyl	13.09	154	2355420	39.148	ng		99
47) 2-Chloronaphthalene	13.13	162	1795872	40.573	ng		98
48) 2-Nitroaniline	13.36	65	605590	48.377	ng		98
49) Acenaphthylene	13.99	152	3096827	48.268	ng		100
50) Dimethylphthalate	13.74	163	2561013	49.649	ng		99
51) 2,6-Dinitrotoluene	13.86	165	570744	50.272	ng		96
52) Acenaphthene	14.33	154	1806860	44.853	ng		98
53) 3-Nitroaniline	14.19	138	203710	16.567	ng		91
54) 2,4-Dinitrophenol	14.40	184	765140	111.294	ng		98
55) Dibenzofuran	14.67	168	2970115	44.337	ng		98
56) 4-Nitrophenol	14.52	139	1248830	109.586	ng		92
57) 2,4-Dinitrotoluene	14.66	165	832820	54.579	ng	#	91
58) Fluorene	15.32	166	2513632	50.694	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.90	232	692763	51.852	ng		98
60) Diethylphthalate	15.11	149	2688988	52.565	ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	1272585	45.019	ng		96
62) 4-Nitroaniline	15.37	138	528158	39.431	ng		97
63) Azobenzene	15.62	77	2533792	50.959	ng		96
65) 4,6-Dinitro-2-methylphenol	15.42	198	500477	47.218	ng		91
66) n-Nitrosodiphenylamine	15.54	169	2134864	42.630	ng		98
67) 4-Bromophenyl-phenylether	16.22	248	836615	46.032	ng		95
68) Hexachlorobenzene	16.33	284	915707	43.374	ng		97
69) Atrazine	16.50	200	751095	41.905	ng		98
70) Pentachlorophenol	16.67	266	1175517	81.282	ng		99
71) Phenanthrene	17.06	178	4159124	46.571	ng		100
72) Anthracene	17.16	178	4257366	50.171	ng		99
73) Carbazole	17.43	167	3816634	44.031	ng		99
74) Di-n-butylphthalate	18.00	149	5040611	55.134	ng		100
75) Fluoranthene	19.09	202	5144410	51.192	ng		98
78) Pyrene	19.45	202	5185774	47.528	ng		100
80) Butylbenzylphthalate	20.37	149	2433279	57.020	ng		96
81) Benzo(a)anthracene	21.21	228	5333733	48.550	ng		100
82) 3,3'-Dichlorobenzidine	21.14	252	374888	9.156	ng		98
83) Chrysene	21.26	228	4996797	45.952	ng		99
84) Bis(2-ethylhexyl)phthalate	21.14	149	3607142	55.811	ng		100
85) Di-n-octyl phthalate	22.02	149	6167231	56.225	ng		98
86) Indeno(1,2,3-cd)pyrene	25.61	276	5204671	42.794	ng		100
88) Benzo(b)fluoranthene	22.76	252	5333209	53.880	ng		99
89) Benzo(k)fluoranthene	22.81	252	5036268	50.706	ng		99
90) Benzo(a)pyrene	23.33	252	4822134	51.309	ng		99
91) Dibenzo(a,h)anthracene	25.63	278	4456330	47.753	ng		100
92) Benzo(g,h,i)perylene	26.29	276	4180178	45.195	ng		100

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

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