Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
Data File : BM017559.D
Acq On : 07 Nov 2018 14:36
Operator : MJ/SJ
Sample : J5805-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/9/2018 1:39:08 PM

Quant Time: Nov 07 15:27:59 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	7.62	152	264078	20.00	ng	-0.02
21) Naphthalene-d8	10.40	136	1111020	20.00	ng	-0.02
39) Acenaphthene-d10	14.27	164	715441	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1734230	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1844181	20.00	ng	-0.02
87) Perylene-d12	23.41	264	1638901	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1829130	117.15	ng	-0.01
7) Phenol-d6	6.82	99	2284898	107.45	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1772629	93.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1425329	147.32	ng	-0.02
45) 2-Fluorobiphenyl	12.89	172	4518092	84.03	ng	-0.02
79) Terphenyl-d14	19.66	244	7707506	94.20	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	213432	26.770	ng	# 73
3) Pyridine	3.63	79	448532	24.450	ng	# 80
4) n-Nitrosodimethylamine	3.55	42	347987	47.252	ng	# 63
6) Aniline	6.97	93	288577	10.850	ng	94
8) 2-Chlorophenol	7.20	128	754429	41.766	ng	94
9) Benzaldehyde	6.79	77	194706	14.360	ng	90
10) Phenol	6.84	94	813720	35.555	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	709671	38.899	ng	96
12) 1,3-Dichlorobenzene	7.52	146	797503	37.874	ng	95
13) 1,4-Dichlorobenzene	7.66	146	804611	37.401	ng	97
14) 1,2-Dichlorobenzene	7.97	146	794964	38.353	ng	99
15) Benzyl Alcohol	7.87	79	716030	46.066	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.16	45	1058271	41.520	ng	97
17) 2-Methylphenol	8.07	107	635462	43.259	ng	96
18) Hexachloroethane	8.69	117	295179	40.093	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	629615	44.966	ng	97
20) 3+4-Methylphenols	8.40	107	868654	43.235	ng	97
22) Acetophenone	8.45	105	1195623	42.454	ng	96
24) Nitrobenzene	8.82	77	909973	45.286	ng	93
25) Isophorone	9.35	82	1709393	54.494	ng	98
26) 2-Nitrophenol	9.53	139	425389	45.562	ng	96
27) 2,4-Dimethylphenol	9.59	122	755493	54.467	ng	99
28) bis(2-Chloroethoxy)methane	9.83	93	1058592	47.946	ng	99
29) 2,4-Dichlorophenol	10.05	162	791818	49.167	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	803758	41.604	ng	99
31) Naphthalene	10.45	128	2457452	45.135	ng	99
32) Benzoic acid	9.76	122	501402	48.448	ng	92
33) 4-Chloroaniline	10.58	127	98753	4.200	ng	94
34) Hexachlorobutadiene	10.72	225	492371	40.223	ng	100
35) Caprolactam	11.44	113	204622m	34.864	ng	
36) 4-Chloro-3-methylphenol	11.70	107	936932	51.612	ng	96
37) 2-Methylnaphthalene	12.06	142	1934907	51.933	ng	97
38) 1-Methylnaphthalene	12.29	142	1846638	50.924	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	999796	39.682	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1288947	105.822	ng		99
43) 2,4,6-Trichlorophenol	12.69	196	704304	48.154	ng		99
44) 2,4,5-Trichlorophenol	12.76	196	776235	49.492	ng		98
46) 1,1'-Biphenyl	13.10	154	2568809	39.899	ng		99
47) 2-Chloronaphthalene	13.13	162	1974382	41.685	ng		99
48) 2-Nitroaniline	13.36	65	634558	47.490	ng		99
49) Acenaphthylene	13.99	152	3348028	48.767	ng		100
50) Dimethylphthalate	13.74	163	2761648	50.033	ng		100
51) 2,6-Dinitrotoluene	13.86	165	612300	50.401	ng		96
52) Acenaphthene	14.33	154	1968428	45.665	ng		98
53) 3-Nitroaniline	14.19	138	202210	15.368	ng		94
54) 2,4-Dinitrophenol	14.40	184	793566	108.123	ng		96
55) Dibenzofuran	14.67	168	3241175	45.215	ng		99
56) 4-Nitrophenol	14.52	139	1300369	106.763	ng		92
57) 2,4-Dinitrotoluene	14.66	165	876502	53.680	ng	#	91
58) Fluorene	15.33	166	2710633	51.087	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.90	232	750659	52.507	ng		97
60) Diethylphthalate	15.12	149	2937777	53.668	ng		100
61) 4-Chlorophenyl-phenylether	15.32	204	1396432	46.165	ng		98
62) 4-Nitroaniline	15.37	138	554120	38.754	ng		95
63) Azobenzene	15.62	77	2805875	52.736	ng		95
65) 4,6-Dinitro-2-methylphenol	15.42	198	528643	47.547	ng		95
66) n-Nitrosodiphenylamine	15.54	169	2393502	45.618	ng		100
67) 4-Bromophenyl-phenylether	16.22	248	908709	47.721	ng		96
68) Hexachlorobenzene	16.33	284	984927	44.528	ng		98
69) Atrazine	16.50	200	809216	43.092	ng		99
70) Pentachlorophenol	16.67	266	1242599	82.007	ng		99
71) Phenanthrene	17.07	178	4412872	47.162	ng		100
72) Anthracene	17.16	178	4511754	50.747	ng		99
73) Carbazole	17.43	167	4010298	44.158	ng		100
74) Di-n-butylphthalate	18.00	149	5288882	55.215	ng		100
75) Fluoranthene	19.09	202	5222108	49.598	ng		98
77) Benzidine	19.29	184	199829	4.273	ng		97
78) Pyrene	19.45	202	5267496	51.105	ng		100
80) Butylbenzylphthalate	20.37	149	2417512	59.598	ng		95
81) Benzo(a)anthracene	21.21	228	5127636	49.409	ng		99
82) 3,3'-Dichlorobenzidine	21.14	252	570859	14.759	ng		99
83) Chrysene	21.26	228	4752651	46.268	ng		100
84) Bis(2-ethylhexyl)phthalate	21.14	149	3580290	58.372	ng		100
85) Di-n-octyl phthalate	22.02	149	5879796	56.694	ng		98
86) Indeno(1,2,3-cd)pyrene	25.61	276	4495777	39.131	ng		99
88) Benzo(b)fluoranthene	22.76	252	4881947	54.483	ng		99
89) Benzo(k)fluoranthene	22.81	252	4485572	49.889	ng		99
90) Benzo(a)pyrene	23.33	252	4347079	51.096	ng		99
91) Dibenzo(a,h)anthracene	25.63	278	3855143	45.635	ng		99
92) Benzo(g,h,i)perylene	26.29	276	3665522	43.779	ng		99

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

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