Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018344.D
Acq On : 20 Dec 2018 23:35
Operator : JU/SJ
Sample : J6388-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SS008-1218-01MS

Manual Integrations APPROVED
Sohil
12/21/2018 4:37:01 PM

Quant Time: Dec 21 16:02:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	120784	20.00	ng		-0.02
21) Naphthalene-d8	10.25	136	415508	20.00	ng		-0.02
39) Acenaphthene-d10	14.14	164	202826	20.00	ng		-0.02
64) Phenanthrene-d10	16.92	188	425054	20.00	ng		0.00
76) Chrysene-d12	21.14	240	557195	20.00	ng		0.00
87) Perylene-d12	23.31	264	601804	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	1234690	170.76	ng		0.00
7) Phenol-d6	6.71	99	1540482	153.29	ng		0.00
23) Nitrobenzene-d5	8.65	82	1008579	124.51	ng		-0.01
42) 2,4,6-Tribromophenol	15.66	330	438354	147.25	ng		0.00
45) 2-Fluorobiphenyl	12.75	172	1613382	103.03	ng		-0.02
79) Terphenyl-d14	19.57	244	2254317	91.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.12	88	113520	39.634	ng		98
3) Pyridine	3.51	79	303989	36.077	ng		96
4) n-Nitrosodimethylamine	3.43	42	151855	52.358	ng		95
6) Aniline	6.85	93	195148	15.479	ng		96
8) 2-Chlorophenol	7.07	128	348140	40.752	ng		97
9) Benzaldehyde	6.66	77	122900	20.063	ng		93
10) Phenol	6.73	94	604953	56.839	ng		96
11) bis(2-Chloroethyl)ether	6.94	93	337609	39.912	ng		99
12) 1,3-Dichlorobenzene	7.37	146	370666	38.856	ng		98
13) 1,4-Dichlorobenzene	7.52	146	388444	40.099	ng		98
14) 1,2-Dichlorobenzene	7.83	146	364469	39.029	ng		98
15) Benzyl Alcohol	7.75	79	330993	40.420	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.02	45	267283	35.113	ng		92
17) 2-Methylphenol	7.96	107	298274	41.971	ng		92
18) Hexachloroethane	8.53	117	128036	36.060	ng		94
19) n-Nitroso-di-n-propylamine	8.30	70	285180	38.005	ng		96
20) 3+4-Methylphenols	8.28	107	449179	45.107	ng		96
22) Acetophenone	8.32	105	526256	47.860	ng	#	99
24) Nitrobenzene	8.69	77	411233	50.807	ng		93
25) Isophorone	9.21	82	686008	50.866	ng		99
26) 2-Nitrophenol	9.39	139	120618	30.383	ng	#	86
27) 2,4-Dimethylphenol	9.46	122	301608	52.715	ng		93
28) bis(2-Chloroethoxy)methane	9.69	93	405903	46.172	ng		98
29) 2,4-Dichlorophenol	9.93	162	276947	43.657	ng		97
30) 1,2,4-Trichlorobenzene	10.12	180	468904	64.984	ng		94
31) Naphthalene	10.30	128	966702	47.580	ng		99
32) Benzoic acid	9.66	122	174739m	32.253	ng		
33) 4-Chloroaniline	10.45	127	110719	12.441	ng		97
34) Hexachlorobutadiene	10.57	225	191832	42.035	ng		98
35) Caprolactam	11.27	113	84300m	34.875	ng		
36) 4-Chloro-3-methylphenol	11.59	107	301981	39.617	ng		96
37) 2-Methylnaphthalene	11.93	142	679152	47.400	ng		97
38) 1-Methylnaphthalene	12.15	142	635551	45.457	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.30	216	337865	48.442	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	37829	19.223 ng		96
43) 2,4,6-Trichlorophenol	12.57	196	205563	45.824 ng		95
44) 2,4,5-Trichlorophenol	12.66	196	214437	45.027 ng		95
46) 1,1'-Biphenyl	12.97	154	782688	42.894 ng		98
47) 2-Chloronaphthalene	13.01	162	572209	42.606 ng		98
48) 2-Nitroaniline	13.25	65	212115	51.271 ng		93
49) Acenaphthylene	13.87	152	1192105	58.902 ng		98
50) Dimethylphthalate	13.62	163	802397	47.585 ng		99
51) 2,6-Dinitrotoluene	13.75	165	132517	35.749 ng		85
52) Acenaphthene	14.22	154	529079	42.776 ng		99
53) 3-Nitroaniline	14.09	138	100830	25.848 ng	#	88
54) 2,4-Dinitrophenol	14.32	184	6740	3.296 ng	#	83
55) Dibenzofuran	14.55	168	876708	44.113 ng		97
56) 4-Nitrophenol	14.44	139	236938	80.111 ng	#	80
57) 2,4-Dinitrotoluene	14.56	165	183475	35.808 ng	#	83
58) Fluorene	15.21	166	763849	49.763 ng		100
59) 2,3,4,6-Tetrachlorophenol	14.80	232	196657	45.851 ng	#	95
60) Diethylphthalate	15.00	149	731257	40.185 ng		98
61) 4-Chlorophenyl-phenylether	15.21	204	348492	40.144 ng		99
62) 4-Nitroaniline	15.27	138	104083	28.119 ng		86
63) Azobenzene	15.50	77	743431	44.805 ng		98
65) 4,6-Dinitro-2-methylphenol	15.33	198	7620	2.435 ng	#	47
66) n-Nitrosodiphenylamine	15.43	169	575087	40.915 ng		99
67) 4-Bromophenyl-phenylether	16.10	248	203794	39.589 ng		96
68) Hexachlorobenzene	16.22	284	229030	40.611 ng		97
69) Atrazine	16.41	200	201592	42.484 ng		99
70) Pentachlorophenol	16.57	266	275383	73.937 ng		97
71) Phenanthrene	16.96	178	1864659	80.763 ng		99
72) Anthracene	17.05	178	1287849	56.226 ng		100
73) Carbazole	17.33	167	972074	41.348 ng		99
74) Di-n-butylphthalate	17.90	149	1209607	41.700 ng		99
75) Fluoranthene	18.99	202	1851246	68.965 ng		100
77) Benzidine	19.20	184	2752	0.195 ng	#	1
78) Pyrene	19.36	202	2348117	70.726 ng		99
80) Butylbenzylphthalate	20.28	149	633777	40.126 ng		92
81) Benzo(a)anthracene	21.13	228	1858644	57.104 ng		95
82) 3,3'-Dichlorobenzidine	21.08	252	35127	2.701 ng	#	77
83) Chrysene	21.18	228	1796754	57.392 ng		99
84) Bis(2-ethylhexyl)phthalate	21.06	149	944108	40.107 ng		99
85) Di-n-octyl phthalate	21.93	149	1710402	44.367 ng		100
86) Indeno(1,2,3-cd)pyrene	25.46	276	1915941	61.437 ng		98
88) Benzo(b)fluoranthene	22.67	252	1805188	53.400 ng		99
89) Benzo(k)fluoranthene	22.71	252	1629870	48.413 ng		98
90) Benzo(a)pyrene	23.22	252	1885610	58.648 ng		100
91) Dibenzo(a,h)anthracene	25.47	278	1487124	49.932 ng		99
92) Benzo(g,h,i)perylene	26.11	276	1684917	59.849 ng		99

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

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