Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022435.D
Acq On : 30 Aug 2019 10:56
Operator : HP/JU
Sample : PB122653BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB122653BS

Manual Integrations APPROVED
mohammad
8/31/2019 2:43:48 PM

Quant Time: Aug 30 15:37:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	21153	20.00	ng		0.00
21) Naphthalene-d8	10.29	136	90389	20.00	ng		0.00
39) Acenaphthene-d10	14.18	164	62280	20.00	ng		0.00
64) Phenanthrene-d10	16.95	188	145905	20.00	ng		0.00
76) Chrysene-d12	21.17	240	192581	20.00	ng		0.00
87) Perylene-d12	23.36	264	170079	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	146191	121.31	ng		0.00
7) Phenol-d6	6.73	99	186914	115.99	ng		0.00
23) Nitrobenzene-d5	8.69	82	122166	59.20	ng		0.00
42) 2,4,6-Tribromophenol	15.70	330	127295	99.88	ng		0.00
45) 2-Fluorobiphenyl	12.79	172	302269	54.98	ng		0.00
79) Terphenyl-d14	19.60	244	713608	48.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	20555	36.964	ng		90
3) Pyridine	3.53	79	41653	31.140	ng		97
4) n-Nitrosodimethylamine	3.46	42	37844	41.036	ng		97
6) Aniline	6.88	93	72505	35.304	ng		95
8) 2-Chlorophenol	7.09	128	63224	45.581	ng		96
9) Benzaldehyde	6.70	77	44947	44.768	ng		90
10) Phenol	6.75	94	75318	46.524	ng		99
11) bis(2-Chloroethyl)ether	6.98	93	50480	41.317	ng		99
12) 1,3-Dichlorobenzene	7.40	146	65134	38.701	ng		97
13) 1,4-Dichlorobenzene	7.56	146	66034	38.724	ng		98
14) 1,2-Dichlorobenzene	7.86	146	64674	37.831	ng		96
15) Benzyl Alcohol	7.79	79	63636	41.624	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.05	45	62078	39.208	ng		96
17) 2-Methylphenol	7.98	107	52337	44.454	ng		94
18) Hexachloroethane	8.56	117	29833	37.732	ng		97
19) n-Nitroso-di-n-propylamine	8.34	70	47528	38.001	ng		99
20) 3+4-Methylphenols	8.31	107	71135	44.494	ng		93
22) Acetophenone	8.36	105	93537	37.475	ng	#	99
24) Nitrobenzene	8.74	77	77586	39.054	ng		97
25) Isophorone	9.25	82	126740	39.113	ng		99
26) 2-Nitrophenol	9.44	139	34360	43.178	ng		100
27) 2,4-Dimethylphenol	9.50	122	58003	48.864	ng		94
28) bis(2-Chloroethoxy)methane	9.73	93	72031	38.418	ng		95
29) 2,4-Dichlorophenol	9.96	162	66891	43.069	ng		90
30) 1,2,4-Trichlorobenzene	10.16	180	72681	36.750	ng		99
31) Naphthalene	10.35	128	181098	38.519	ng		99
32) Benzoic acid	9.70	122	38622	41.308	ng		93
33) 4-Chloroaniline	10.49	127	46437	22.955	ng		95
34) Hexachlorobutadiene	10.59	225	65967	33.817	ng		98
35) Caprolactam	11.33	113	16630m	42.127	ng		
36) 4-Chloro-3-methylphenol	11.63	107	70062	42.800	ng		99
37) 2-Methylnaphthalene	11.97	142	139162	38.951	ng		99
38) 1-Methylnaphthalene	12.19	142	131146	38.031	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.34	216	110594	37.417	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.29	237	75753	65.035	ng		99
43) 2,4,6-Trichlorophenol	12.60	196	63118	39.562	ng		99
44) 2,4,5-Trichlorophenol	12.69	196	66673	42.146	ng		98
46) 1,1'-Biphenyl	13.00	154	191007	37.534	ng		99
47) 2-Chloronaphthalene	13.05	162	152169	37.659	ng		99
48) 2-Nitroaniline	13.30	65	51549	39.611	ng		97
49) Acenaphthylene	13.90	152	244987	40.172	ng		99
50) Dimethylphthalate	13.66	163	212987	39.319	ng		100
51) 2,6-Dinitrotoluene	13.80	165	43731	41.098	ng		89
52) Acenaphthene	14.25	154	139061	38.021	ng		99
53) 3-Nitroaniline	14.15	138	29647	29.017	ng		95
54) 2,4-Dinitrophenol	14.37	184	48579	76.357	ng		94
55) Dibenzofuran	14.59	168	243812	39.571	ng		99
56) 4-Nitrophenol	14.47	139	56725	82.301	ng		100
57) 2,4-Dinitrotoluene	14.61	165	61979	40.514	ng		90
58) Fluorene	15.25	166	205221	37.282	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.83	232	71362	40.027	ng		98
60) Diethylphthalate	15.03	149	217902	38.512	ng		98
61) 4-Chlorophenyl-phenylether	15.24	204	135883	35.898	ng		97
62) 4-Nitroaniline	15.33	138	38355	40.109	ng	#	88
63) Azobenzene	15.54	77	223882	39.640	ng		98
65) 4,6-Dinitro-2-methylphenol	15.38	198	38654	44.397	ng		95
66) n-Nitrosodiphenylamine	15.47	169	172479	39.155	ng		98
67) 4-Bromophenyl-phenylether	16.14	248	84115	36.641	ng		95
68) Hexachlorobenzene	16.25	284	92438	35.548	ng		98
69) Atrazine	16.44	200	72516	38.665	ng		99
70) Pentachlorophenol	16.61	266	107036	92.025	ng		97
71) Phenanthrene	16.99	178	320118	37.640	ng		99
72) Anthracene	17.09	178	332257	39.707	ng		99
73) Carbazole	17.37	167	275516	39.834	ng		100
74) Di-n-butylphthalate	17.92	149	361564	38.551	ng		99
75) Fluoranthene	19.03	202	452488	39.952	ng		99
77) Benzidine	19.24	184	159994	49.338	ng		98
78) Pyrene	19.39	202	468629	35.707	ng		99
80) Butylbenzylphthalate	20.30	149	178295	38.927	ng		98
81) Benzo(a)anthracene	21.16	228	539640	39.040	ng		98
82) 3,3'-Dichlorobenzidine	21.10	252	170524	39.770	ng		97
83) Chrysene	21.21	228	511186	38.853	ng		99
84) Bis(2-ethylhexyl)phthalate	21.07	149	271997	43.735	ng		99
85) Di-n-octyl phthalate	21.94	149	471388	47.194	ng		99
86) Indeno(1,2,3-cd)pyrene	25.55	276	503463	38.043	ng		99
88) Benzo(b)fluoranthene	22.71	252	527852	44.674	ng		98
89) Benzo(k)fluoranthene	22.75	252	500345	42.687	ng		99
90) Benzo(a)pyrene	23.27	252	471715	44.979	ng		98
91) Dibenzo(a,h)anthracene	25.55	278	429206	41.042	ng		97
92) Benzo(g,h,i)perylene	26.22	276	370668	40.669	ng		98

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

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