Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020170.D
Acq On : 07 May 2019 18:14
Operator : JU/SJ
Sample : PB119485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119485BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:44:25 PM

Quant Time: May 08 03:56:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	153811	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	578958	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	337109	20.00	ng		0.00
64) Phenanthrene-d10	17.18	188	757821	20.00	ng		0.00
76) Chrysene-d12	21.36	240	774542	20.00	ng		0.00
87) Perylene-d12	23.65	264	743148	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1314787	139.73	ng		0.00
7) Phenol-d6	6.96	99	1774368	138.03	ng		0.01
23) Nitrobenzene-d5	8.96	82	1096207	74.75	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	722600	138.10	ng		0.01
45) 2-Fluorobiphenyl	13.05	172	2085676	76.12	ng		0.00
79) Terphenyl-d14	19.80	244	3174905	71.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	146312	31.703	ng		95
3) Pyridine	3.70	79	367243	31.114	ng		98
4) n-Nitrosodimethylamine	3.62	42	138867	36.690	ng	#	77
6) Aniline	7.12	93	447551	27.657	ng		98
8) 2-Chlorophenol	7.36	128	404438	39.474	ng		98
9) Benzaldehyde	6.94	77	130350	13.397	ng		96
10) Phenol	6.99	94	544462	39.343	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	410111	40.773	ng		95
12) 1,3-Dichlorobenzene	7.67	146	432521	36.283	ng		98
13) 1,4-Dichlorobenzene	7.83	146	440673	36.593	ng		98
14) 1,2-Dichlorobenzene	8.14	146	425993	37.130	ng		97
15) Benzyl Alcohol	8.03	79	465608	37.562	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	302147	36.227	ng		97
17) 2-Methylphenol	8.23	107	355044	39.854	ng		96
18) Hexachloroethane	8.86	117	179960	35.840	ng		95
19) n-Nitroso-di-n-propylamine	8.60	70	394817	35.898	ng		95
20) 3+4-Methylphenols	8.56	107	468778	39.593	ng		97
22) Acetophenone	8.62	105	632399	39.967	ng	#	96
24) Nitrobenzene	9.00	77	567813	37.345	ng		96
25) Isophorone	9.52	82	975574	38.577	ng		98
26) 2-Nitrophenol	9.70	139	218941	47.696	ng		97
27) 2,4-Dimethylphenol	9.76	122	355196	46.478	ng		98
28) bis(2-Chloroethoxy)methane	10.00	93	544152	39.508	ng		99
29) 2,4-Dichlorophenol	10.23	162	398447	41.348	ng		97
30) 1,2,4-Trichlorobenzene	10.45	180	467814	39.454	ng		96
31) Naphthalene	10.63	128	1171418	38.990	ng		99
32) Benzoic acid	9.90	122	241774	44.952	ng		93
33) 4-Chloroaniline	10.75	127	287858	23.278	ng		95
34) Hexachlorobutadiene	10.90	225	312036	37.201	ng		94
35) Caprolactam	11.56	113	116963m	40.592	ng		
36) 4-Chloro-3-methylphenol	11.87	107	425691	37.591	ng		96
37) 2-Methylnaphthalene	12.25	142	877281	40.052	ng		98
38) 1-Methylnaphthalene	12.47	142	817618	38.174	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.62	216	545796	41.383	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	446636	57.514	ng		98
43) 2,4,6-Trichlorophenol	12.86	196	343286	45.798	ng		97
44) 2,4,5-Trichlorophenol	12.93	196	356637	42.590	ng		97
46) 1,1'-Biphenyl	13.26	154	1113464	40.129	ng		99
47) 2-Chloronaphthalene	13.31	162	884457	39.923	ng		99
48) 2-Nitroaniline	13.52	65	313194	39.709	ng		96
49) Acenaphthylene	14.16	152	1328891	37.481	ng		98
50) Dimethylphthalate	13.89	163	1080283	37.704	ng		99
51) 2,6-Dinitrotoluene	14.02	165	240983	39.933	ng		91
52) Acenaphthene	14.50	154	789426	38.827	ng		99
53) 3-Nitroaniline	14.36	138	167988	29.993	ng		96
54) 2,4-Dinitrophenol	14.56	184	264162	86.609	ng		95
55) Dibenzofuran	14.83	168	1294639	37.750	ng		98
56) 4-Nitrophenol	14.66	139	365033	76.387	ng		89
57) 2,4-Dinitrotoluene	14.81	165	325377	39.680	ng		93
58) Fluorene	15.49	166	1038463	36.870	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	329577	41.417	ng		96
60) Diethylphthalate	15.26	149	1072540	37.156	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	598330	37.492	ng		96
62) 4-Nitroaniline	15.52	138	213955	34.615	ng		94
63) Azobenzene	15.77	77	1164493	34.195	ng		99
65) 4,6-Dinitro-2-methylphenol	15.57	198	169797	44.943	ng		99
66) n-Nitrosodiphenylamine	15.70	169	896985	40.225	ng		98
67) 4-Bromophenyl-phenylether	16.37	248	366489	39.438	ng		95
68) Hexachlorobenzene	16.48	284	411611	38.491	ng		96
69) Atrazine	16.64	200	307511	35.287	ng		100
70) Pentachlorophenol	16.83	266	523312	85.530	ng		95
71) Phenanthrene	17.23	178	1579139	37.749	ng		99
72) Anthracene	17.32	178	1600329	38.263	ng		100
73) Carbazole	17.59	167	1393066	36.913	ng		99
74) Di-n-butylphthalate	18.14	149	1706294	37.569	ng		98
75) Fluoranthene	19.24	202	1920985	36.294	ng		99
77) Benzidine	19.43	184	729238	29.449	ng		98
78) Pyrene	19.60	202	1937667	37.261	ng		100
80) Butylbenzylphthalate	20.50	149	755031	39.926	ng		99
81) Benzo(a)anthracene	21.34	228	1991495	36.663	ng		100
82) 3,3'-Dichlorobenzidine	21.29	252	766392	36.967	ng		99
83) Chrysene	21.40	228	1993345	37.839	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1072956	36.564	ng		98
85) Di-n-octyl phthalate	22.15	149	1960486	40.197	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2931492	46.783	ng	#	100
88) Benzo(b)fluoranthene	22.96	252	2320049	47.277	ng		99
89) Benzo(k)fluoranthene	23.00	252	2317118	51.763	ng		99
90) Benzo(a)pyrene	23.55	252	2313947	51.912	ng		98
91) Dibenzo(a,h)anthracene	26.00	278	2544408	54.889	ng		98
92) Benzo(g,h,i)perylene	26.71	276	2464188	55.991	ng		98

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

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