Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
Data File : BM020193.D
Acq On : 08 May 2019 14:05
Operator : JU/SJ
Sample : PB119288BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Manual Integrations APPROVED
Sohil
5/9/2019 6:45:26 PM

Quant Time: May 08 15:41:09 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	1738174	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	6406284	20.00	ng		0.00
39) Acenaphthene-d10	14.44	164	3673496	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	7770668	20.00	ng		0.00
76) Chrysene-d12	21.37	240	7076992	20.00	ng		0.00
87) Perylene-d12	23.68	264	8515902	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1334317	12.55	ng		0.00
7) Phenol-d6	6.96	99	1770289	12.19	ng		0.01
23) Nitrobenzene-d5	8.96	82	1096792	6.76	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	686803	12.05	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	2089219	7.00	ng		0.00
79) Terphenyl-d14	19.80	244	2897001	7.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	153348	2.940	ng		94
3) Pyridine	3.70	79	401452	3.010	ng		95
4) n-Nitrosodimethylamine	3.62	42	142934	3.342	ng	#	73
6) Aniline	7.12	93	489684	2.678	ng		98
8) 2-Chlorophenol	7.35	128	410359	3.544	ng		99
9) Benzaldehyde	6.94	77	178034	1.619	ng		99
10) Phenol	6.99	94	547982	3.504	ng		93
11) bis(2-Chloroethyl)ether	7.22	93	413006	3.633	ng		96
12) 1,3-Dichlorobenzene	7.67	146	468894	3.481	ng		96
13) 1,4-Dichlorobenzene	7.82	146	479001	3.520	ng		95
14) 1,2-Dichlorobenzene	8.13	146	455080	3.510	ng		96
15) Benzyl Alcohol	8.03	79	455588	3.252	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.32	45	303907	3.224	ng		95
17) 2-Methylphenol	8.23	107	352671	3.503	ng		95
18) Hexachloroethane	8.86	117	192371	3.390	ng		97
19) n-Nitroso-di-n-propylamine	8.59	70	398502	3.206	ng		94
20) 3+4-Methylphenols	8.56	107	460197	3.439	ng		97
22) Acetophenone	8.62	105	641619	3.665	ng	#	96
24) Nitrobenzene	9.00	77	573366	3.408	ng		95
25) Isophorone	9.52	82	979358	3.500	ng		98
26) 2-Nitrophenol	9.70	139	221581	4.362	ng		93
27) 2,4-Dimethylphenol	9.76	122	351000	4.151	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	543081	3.563	ng		99
29) 2,4-Dichlorophenol	10.23	162	390522	3.662	ng		95
30) 1,2,4-Trichlorobenzene	10.45	180	485970	3.704	ng		97
31) Naphthalene	10.63	128	1185248	3.565	ng		99
32) Benzoic acid	9.90	122	215736	9.702	ng		88
33) 4-Chloroaniline	10.75	127	279427	2.042	ng		96
34) Hexachlorobutadiene	10.90	225	325708	3.509	ng		95
35) Caprolactam	11.56	113	103855m	3.257	ng		
36) 4-Chloro-3-methylphenol	11.87	107	406096	3.241	ng		98
37) 2-Methylnaphthalene	12.24	142	865462	3.571	ng		97
38) 1-Methylnaphthalene	12.47	142	811442	3.424	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	550077	3.827	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	642881	7.597	ng		99
43) 2,4,6-Trichlorophenol	12.86	196	333658	4.085	ng		98
44) 2,4,5-Trichlorophenol	12.93	196	341776	3.746	ng		95
46) 1,1'-Biphenyl	13.26	154	1103398	3.649	ng		98
47) 2-Chloronaphthalene	13.31	162	882065	3.654	ng		100
48) 2-Nitroaniline	13.52	65	283992	3.304	ng		93
49) Acenaphthylene	14.16	152	1303200	3.373	ng		99
50) Dimethylphthalate	13.89	163	1035715	3.317	ng		99
51) 2,6-Dinitrotoluene	14.02	165	225404	3.428	ng		86
52) Acenaphthene	14.50	154	756332	3.414	ng		99
53) 3-Nitroaniline	14.35	138	148293	2.430	ng		91
54) 2,4-Dinitrophenol	14.56	184	261080	15.558	ng		89
55) Dibenzofuran	14.83	168	1262246	3.378	ng		97
56) 4-Nitrophenol	14.66	139	326320	6.266	ng	#	85
57) 2,4-Dinitrotoluene	14.81	165	300727	3.366	ng	#	92
58) Fluorene	15.48	166	991093	3.229	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	308751	3.561	ng		96
60) Diethylphthalate	15.25	149	991077	3.151	ng		99
61) 4-Chlorophenyl-phenylether	15.47	204	583234	3.354	ng		95
62) 4-Nitroaniline	15.52	138	192037	2.851	ng		89
63) Azobenzene	15.77	77	1112998	2.999	ng		97
65) 4,6-Dinitro-2-methylphenol	15.57	198	159609	10.625	ng		96
66) n-Nitrosodiphenylamine	15.69	169	847914	3.708	ng		97
67) 4-Bromophenyl-phenylether	16.37	248	351088	3.684	ng		95
68) Hexachlorobenzene	16.47	284	397525	3.625	ng		97
69) Atrazine	16.64	200	291886	3.266	ng		99
70) Pentachlorophenol	16.83	266	469077	7.477	ng		97
71) Phenanthrene	17.23	178	1479858	3.450	ng		99
72) Anthracene	17.32	178	1493551	3.483	ng		99
73) Carbazole	17.59	167	1252578	3.237	ng		99
74) Di-n-butylphthalate	18.14	149	1582445	3.398	ng		98
75) Fluoranthene	19.24	202	1720863	3.171	ng		100
77) Benzidine	19.43	184	575745	2.545	ng		97
78) Pyrene	19.60	202	1745215	3.673	ng		99
80) Butylbenzylphthalate	20.50	149	676248	3.914	ng		98
81) Benzo(a)anthracene	21.36	228	1693940	3.413	ng		99
82) 3,3'-Dichlorobenzidine	21.29	252	642705	3.393	ng		99
83) Chrysene	21.41	228	1633523	3.394	ng		100
84) Bis(2-ethylhexyl)phthalate	21.27	149	977083	3.644	ng		98
85) Di-n-octyl phthalate	22.16	149	1681403	3.773	ng		97
86) Indeno(1,2,3-cd)pyrene	26.00	276	2323392	4.058	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1872458	3.330	ng		100
89) Benzo(k)fluoranthene	23.01	252	1733877	3.380	ng		99
90) Benzo(a)pyrene	23.56	252	1806108	3.536	ng		99
91) Dibenzo(a,h)anthracene	26.01	278	2015027	3.793	ng		99
92) Benzo(g,h,i)perylene	26.72	276	1927460	3.822	ng		99

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

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