Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019077.D
Acq On : 08 Mar 2019 17:18
Operator : JU/SJ
Sample : PB117734BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB117734BS

Manual Integrations APPROVED
Sohil
3/11/2019 5:47:19 PM

Quant Time: Mar 09 00:53:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	147825	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	548328	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	271267	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	543464	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	579720	20.00	ng		-0.01
87) Perylene-d12	23.51	264	698293	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	884122	97.99	ng		0.00
7) Phenol-d6	6.85	99	1175569	92.49	ng		0.00
23) Nitrobenzene-d5	8.84	82	730938	61.64	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	350530	89.64	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	1339183	65.53	ng		-0.02
79) Terphenyl-d14	19.71	244	1705254	60.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	121460	30.909	ng		99
3) Pyridine	3.63	79	320872	29.936	ng		100
4) n-Nitrosodimethylamine	3.55	42	98207	36.016	ng		91
6) Aniline	7.02	93	256470	16.469	ng		98
8) 2-Chlorophenol	7.23	128	306560	30.948	ng		98
9) Benzaldehyde	6.83	77	172250	21.642	ng		96
10) Phenol	6.87	94	398589	29.805	ng		100
11) bis(2-Chloroethyl)ether	7.11	93	293526	28.773	ng		98
12) 1,3-Dichlorobenzene	7.56	146	334770	30.056	ng		97
13) 1,4-Dichlorobenzene	7.70	146	341017	30.074	ng		99
14) 1,2-Dichlorobenzene	8.02	146	323336	29.686	ng		98
15) Benzyl Alcohol	7.92	79	282326	27.956	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	285101	28.875	ng		96
17) 2-Methylphenol	8.12	107	248586	29.205	ng		97
18) Hexachloroethane	8.73	117	124402	30.054	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	253679	25.778	ng		99
20) 3+4-Methylphenols	8.45	107	326601	27.788	ng		99
22) Acetophenone	8.50	105	431891	28.682	ng	#	99
24) Nitrobenzene	8.88	77	368724	29.955	ng		99
25) Isophorone	9.40	82	599948	31.707	ng		99
26) 2-Nitrophenol	9.58	139	148865	30.368	ng		98
27) 2,4-Dimethylphenol	9.64	122	251060	35.066	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	368919	30.151	ng		100
29) 2,4-Dichlorophenol	10.11	162	248521	30.230	ng		99
30) 1,2,4-Trichlorobenzene	10.32	180	290724	30.621	ng		97
31) Naphthalene	10.50	128	866354	32.396	ng		99
32) Benzoic acid	9.77	122	170835m	27.353	ng		
33) 4-Chloroaniline	10.64	127	81857	6.848	ng		95
34) Hexachlorobutadiene	10.77	225	158791	28.815	ng		100
35) Caprolactam	11.45	113	73689	21.963	ng		97
36) 4-Chloro-3-methylphenol	11.76	107	270536	27.294	ng		96
37) 2-Methylnaphthalene	12.12	142	602032	31.975	ng		99
38) 1-Methylnaphthalene	12.34	142	571568	31.044	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	280992	32.381	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	306105	68.995	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	184878	32.183	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	191945	31.879	ng	99
46) 1,1'-Biphenyl	13.15	154	736618	31.547	ng	100
47) 2-Chloronaphthalene	13.19	162	573007	31.771	ng	99
48) 2-Nitroaniline	13.42	65	180249	30.092	ng	98
49) Acenaphthylene	14.04	152	895996	33.364	ng	99
50) Dimethylphthalate	13.79	163	656874	29.056	ng	99
51) 2,6-Dinitrotoluene	13.92	165	141222	28.837	ng	96
52) Acenaphthene	14.39	154	515246	31.290	ng	100
53) 3-Nitroaniline	14.26	138	85413	15.436	ng	99
54) 2,4-Dinitrophenol	14.46	184	142190	48.224	ng	100
55) Dibenzofuran	14.72	168	817952	30.221	ng	99
56) 4-Nitrophenol	14.57	139	237801	53.836	ng	97
57) 2,4-Dinitrotoluene	14.71	165	195913	29.035	ng	97
58) Fluorene	15.37	166	644255	31.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	165596	31.115	ng	99
60) Diethylphthalate	15.15	149	640215	27.453	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	314455	27.086	ng	98
62) 4-Nitroaniline	15.42	138	130129	23.988	ng	98
63) Azobenzene	15.66	77	698133	27.920	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	94337	24.723	ng	97
66) n-Nitrosodiphenylamine	15.59	169	551838	32.139	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	181394	29.819	ng	99
68) Hexachlorobenzene	16.37	284	214995	30.406	ng	98
69) Atrazine	16.55	200	175591	31.721	ng	98
70) Pentachlorophenol	16.73	266	258079	56.687	ng	99
71) Phenanthrene	17.12	178	965539	33.059	ng	99
72) Anthracene	17.21	178	968705	34.076	ng	100
73) Carbazole	17.49	167	893101	30.071	ng	99
74) Di-n-butylphthalate	18.04	149	1015690	29.736	ng	100
75) Fluoranthene	19.14	202	1071415	31.758	ng	99
77) Benzidine	19.34	184	386137	29.575	ng	99
78) Pyrene	19.51	202	1113873	33.083	ng	100
80) Butylbenzylphthalate	20.41	149	477425	31.114	ng	99
81) Benzo(a)anthracene	21.26	228	1082464	32.032	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	305170	22.850	ng	99
83) Chrysene	21.31	228	1058023	32.665	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	656494	29.231	ng	100
85) Di-n-octyl phthalate	22.06	149	1170456	31.009	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1813105	48.484	ng	99
88) Benzo(b)fluoranthene	22.84	252	1264214	31.643	ng	100
89) Benzo(k)fluoranthene	22.89	252	1226784	30.843	ng	100
90) Benzo(a)pyrene	23.41	252	1280146	33.824	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	1536245	40.970	ng	99
92) Benzo(g,h,i)perylene	26.49	276	1539577	44.103	ng	99

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

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