Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019080.D
Acq On : 08 Mar 2019 19:05
Operator : JU/SJ
Sample : K1807-31MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-13MS

Manual Integrations APPROVED
Sohil
3/11/2019 5:47:21 PM

Quant Time: Mar 09 01:08:13 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	164276	20.00	ng		-0.01
21) Naphthalene-d8	10.46	136	629468	20.00	ng		-0.01
39) Acenaphthene-d10	14.32	164	324138	20.00	ng		-0.01
64) Phenanthrene-d10	17.07	188	663628	20.00	ng		-0.01
76) Chrysene-d12	21.27	240	650092	20.00	ng		-0.01
87) Perylene-d12	23.51	264	733010	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1181367	117.83	ng		0.00
7) Phenol-d6	6.85	99	1603449	113.52	ng		0.00
23) Nitrobenzene-d5	8.84	82	1011952	74.33	ng		-0.01
42) 2,4,6-Tribromophenol	15.82	330	518859	111.05	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	1767225	72.37	ng		-0.02
79) Terphenyl-d14	19.71	244	2256320	71.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	121905	27.916	ng		98
3) Pyridine	3.63	79	204628	17.179	ng		98
4) n-Nitrosodimethylamine	3.55	42	105958	34.967	ng		94
6) Aniline	7.02	93	415189	23.991	ng		99
8) 2-Chlorophenol	7.23	128	356166	32.356	ng		98
9) Benzaldehyde	6.83	77	216082	25.179	ng		99
10) Phenol	6.87	94	484317	32.588	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	344466	30.385	ng		100
12) 1,3-Dichlorobenzene	7.56	146	375898	30.369	ng		97
13) 1,4-Dichlorobenzene	7.70	146	382445	30.350	ng		99
14) 1,2-Dichlorobenzene	8.02	146	363649	30.043	ng		99
15) Benzyl Alcohol	7.92	79	330632	29.460	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	336526	30.670	ng		97
17) 2-Methylphenol	8.12	107	296681	31.365	ng		97
18) Hexachloroethane	8.73	117	139598	30.348	ng		99
19) n-Nitroso-di-n-propylamine	8.47	70	305025	27.891	ng		98
20) 3+4-Methylphenols	8.45	107	390699	29.912	ng		99
22) Acetophenone	8.50	105	513228	29.690	ng	#	99
24) Nitrobenzene	8.88	77	439490	31.102	ng		99
25) Isophorone	9.39	82	739887	34.062	ng		99
26) 2-Nitrophenol	9.58	139	180557	32.085	ng		99
27) 2,4-Dimethylphenol	9.64	122	295535	35.957	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	455265	32.411	ng		100
29) 2,4-Dichlorophenol	10.11	162	303957	32.207	ng		97
30) 1,2,4-Trichlorobenzene	10.32	180	340296	31.223	ng		98
31) Naphthalene	10.50	128	1026058	33.422	ng		98
32) Benzoic acid	9.76	122	130089m	18.144	ng		
33) 4-Chloroaniline	10.64	127	244370	17.807	ng		97
34) Hexachlorobutadiene	10.77	225	187015	29.562	ng		99
35) Caprolactam	11.45	113	85582	22.220	ng		99
36) 4-Chloro-3-methylphenol	11.76	107	334350	29.384	ng		97
37) 2-Methylnaphthalene	12.12	142	716485	33.148	ng		97
38) 1-Methylnaphthalene	12.35	142	678588	32.105	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	336716	32.474	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	369890	69.773	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	236317	34.428	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	245039	34.059	ng	98
46) 1,1'-Biphenyl	13.15	154	892754	31.997	ng	99
47) 2-Chloronaphthalene	13.19	162	694798	32.241	ng	99
48) 2-Nitroaniline	13.42	65	225653	31.528	ng	97
49) Acenaphthylene	14.04	152	1098675	34.239	ng	99
50) Dimethylphthalate	13.79	163	1034300	38.288	ng	99
51) 2,6-Dinitrotoluene	13.92	165	185906	31.769	ng	98
52) Acenaphthene	14.39	154	630890	32.064	ng	100
53) 3-Nitroaniline	14.26	138	157106	23.761	ng	97
54) 2,4-Dinitrophenol	14.46	184	192532	53.879	ng	98
55) Dibenzofuran	14.72	168	1007386	31.149	ng	98
56) 4-Nitrophenol	14.57	139	299116	56.671	ng	98
57) 2,4-Dinitrotoluene	14.71	165	248549	30.827	ng	98
58) Fluorene	15.37	166	803193	32.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	210005	33.023	ng	99
60) Diethylphthalate	15.15	149	835444	29.981	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	396709	28.598	ng	98
62) 4-Nitroaniline	15.42	138	168018	25.921	ng	98
63) Azobenzene	15.66	77	882560	29.539	ng	99
65) 4,6-Dinitro-2-methylphenol	15.47	198	125188	26.868	ng	99
66) n-Nitrosodiphenylamine	15.59	169	695256	33.160	ng	99
67) 4-Bromophenyl-phenylether	16.27	248	227687	30.652	ng	98
68) Hexachlorobenzene	16.37	284	271369	31.430	ng	98
69) Atrazine	16.55	200	230248	34.063	ng	98
70) Pentachlorophenol	16.73	266	322406	57.994	ng	98
71) Phenanthrene	17.12	178	1188963	33.338	ng	98
72) Anthracene	17.21	178	1194731	34.417	ng	100
73) Carbazole	17.49	167	1106678	30.515	ng	99
74) Di-n-butylphthalate	18.04	149	1335932	32.029	ng	100
75) Fluoranthene	19.14	202	1278599	31.036	ng	98
77) Benzidine	19.35	184	104552	7.141	ng	99
78) Pyrene	19.51	202	1305466	34.576	ng	100
80) Butylbenzylphthalate	20.41	149	568604	33.045	ng	99
81) Benzo(a)anthracene	21.26	228	1203696	31.764	ng	99
82) 3,3'-Dichlorobenzidine	21.20	252	420278	28.062	ng	99
83) Chrysene	21.31	228	1173650	32.312	ng	98
84) Bis(2-ethylhexyl)phthalate	21.18	149	820520	32.580	ng	99
85) Di-n-octyl phthalate	22.06	149	1378405	32.565	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	1836879	43.803	ng	99
88) Benzo(b)fluoranthene	22.84	252	1364681	32.540	ng	100
89) Benzo(k)fluoranthene	22.88	252	1268651	30.385	ng	99
90) Benzo(a)pyrene	23.41	252	1328871	33.448	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	1556921	39.555	ng	99
92) Benzo(g,h,i)perylene	26.48	276	1535059	41.891	ng	99

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

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