Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020011.D
Acq On : 22 Apr 2019 18:18
Operator : JU/SJ
Sample : K2193-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:34 PM

Quant Time: Apr 23 01:54:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	109290	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	407061	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	217769	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	436343	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	380280	20.00	ng	0.00
87) Perylene-d12	23.34	264	431937	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	839331	124.46	ng	-0.01
7) Phenol-d6	6.70	99	1014106	99.92	ng	-0.01
23) Nitrobenzene-d5	8.67	82	851552	93.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	447530	127.67	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1635058	93.57	ng	-0.01
79) Terphenyl-d14	19.59	244	2167823	100.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	126168	43.355	ng	# 56
3) Pyridine	3.50	79	281396	34.528	ng	100
4) n-Nitrosodimethylamine	3.42	42	117184	44.635	ng	# 92
6) Aniline	6.86	93	161216	12.299	ng	98
8) 2-Chlorophenol	7.07	128	337120	40.194	ng	99
9) Benzaldehyde	6.69	77	106057	15.053	ng	98
10) Phenol	6.73	94	358177	32.302	ng	93
11) bis(2-Chloroethyl)ether	6.95	93	320081	39.453	ng	99
12) 1,3-Dichlorobenzene	7.39	146	338039	38.391	ng	97
13) 1,4-Dichlorobenzene	7.53	146	342665	38.356	ng	99
14) 1,2-Dichlorobenzene	7.85	146	339646	38.343	ng	99
15) Benzyl Alcohol	7.77	79	337763	36.608	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	281631	36.415	ng	97
17) 2-Methylphenol	7.96	107	266802	36.355	ng	98
18) Hexachloroethane	8.55	117	130776	37.658	ng	99
19) n-Nitroso-di-n-propylamine	8.32	70	306531	34.359	ng	100
20) 3+4-Methylphenols	8.30	107	343013	34.024	ng	98
22) Acetophenone	8.34	105	519666	46.871	ng	100
24) Nitrobenzene	8.72	77	449517	47.673	ng	98
25) Isophorone	9.23	82	749298	42.289	ng	99
26) 2-Nitrophenol	9.42	139	172293	42.878	ng	95
27) 2,4-Dimethylphenol	9.48	122	275119	48.424	ng	97
28) bis(2-Chloroethoxy)methane	9.72	93	429992	43.338	ng	99
29) 2,4-Dichlorophenol	9.96	162	277622	43.025	ng	100
30) 1,2,4-Trichlorobenzene	10.14	180	326894	47.070	ng	100
31) Naphthalene	10.33	128	990478	45.365	ng	99
32) Benzoic acid	9.66	122	64610	15.870	ng	97
33) 4-Chloroaniline	10.50	127	42457	4.720	ng	97
34) Hexachlorobutadiene	10.57	225	189572	46.283	ng	97
35) Caprolactam	11.32	113	56642m	23.191	ng	
36) 4-Chloro-3-methylphenol	11.61	107	317069	39.547	ng	99
37) 2-Methylnaphthalene	11.95	142	712601	44.830	ng	98
38) 1-Methylnaphthalene	12.17	142	677360	43.158	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	339311	50.507	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	216776	89.517	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	220928	48.506	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	218107	46.010	ng	97
46) 1,1'-Biphenyl	12.99	154	910403	48.268	ng	100
47) 2-Chloronaphthalene	13.03	162	699261	48.603	ng	99
48) 2-Nitroaniline	13.28	65	224645	43.319	ng	93
49) Acenaphthylene	13.89	152	1099496	43.923	ng	99
50) Dimethylphthalate	13.65	163	865730	45.070	ng	100
51) 2,6-Dinitrotoluene	13.79	165	183760	43.262	ng	88
52) Acenaphthene	14.23	154	643822	46.386	ng	98
53) 3-Nitroaniline	14.14	138	46502	10.964	ng	98
54) 2,4-Dinitrophenol	14.36	184	111964	47.494	ng	88
55) Dibenzofuran	14.57	168	1027972	45.292	ng	96
56) 4-Nitrophenol	14.47	139	179686	55.618	ng	91
57) 2,4-Dinitrotoluene	14.59	165	254775	41.728	ng	96
58) Fluorene	15.23	166	843313	43.850	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	198633	45.923	ng	99
60) Diethylphthalate	15.02	149	889793	44.539	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	419331	45.286	ng	97
62) 4-Nitroaniline	15.31	138	136080	32.565	ng	90
63) Azobenzene	15.52	77	979295	45.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	89238	32.054	ng	96
66) n-Nitrosodiphenylamine	15.45	169	698272	48.949	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	241259	48.091	ng	98
68) Hexachlorobenzene	16.23	284	289686	48.125	ng	98
69) Atrazine	16.42	200	234098	48.341	ng	98
70) Pentachlorophenol	16.59	266	257287	83.654	ng	99
71) Phenanthrene	16.98	178	1204008	46.498	ng	99
72) Anthracene	17.07	178	1211771	47.012	ng	100
73) Carbazole	17.36	167	1050438	43.650	ng	99
74) Di-n-butylphthalate	17.90	149	1463136	46.295	ng	99
75) Fluoranthene	19.02	202	1305556	43.812	ng	99
77) Benzidine	19.24	184	129669	12.358	ng	98
78) Pyrene	19.38	202	1343116	53.334	ng	99
80) Butylbenzylphthalate	20.29	149	637185	52.189	ng	96
81) Benzo(a)anthracene	21.14	228	1196082	49.651	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	196352	21.908	ng	97
83) Chrysene	21.20	228	1188804	51.458	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	935509	51.468	ng	100
85) Di-n-octyl phthalate	21.92	149	1620216	54.935	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	1761017	77.488	ng	99
88) Benzo(b)fluoranthene	22.69	252	1318995	45.988	ng	99
89) Benzo(k)fluoranthene	22.73	252	1336175	49.485	ng	98
90) Benzo(a)pyrene	23.25	252	1267008	49.856	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1502294	61.314	ng	98
92) Benzo(g,h,i)perylene	26.21	276	1426330	64.272	ng	99

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

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