Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
Data File : BM020009.D
Acq On : 22 Apr 2019 17:05
Operator : JU/SJ
Sample : K2193-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/23/2019 4:13:31 PM

Quant Time: Apr 23 01:50:50 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	113228	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	416223	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	211010	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	409550	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	352223	20.00	ng	0.00
87) Perylene-d12	23.34	264	388518	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	821600	117.60	ng	0.00
7) Phenol-d6	6.70	99	995998	94.72	ng	-0.01
23) Nitrobenzene-d5	8.67	82	798064	85.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	400595	117.94	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1488672	87.92	ng	-0.01
79) Terphenyl-d14	19.59	244	1881238	94.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	130338	43.231	ng	# 62
3) Pyridine	3.51	79	251182	29.749	ng	99
4) n-Nitrosodimethylamine	3.42	42	118297	43.492	ng	90
6) Aniline	6.86	93	138214	10.177	ng	99
8) 2-Chlorophenol	7.07	128	324044	37.291	ng	99
9) Benzaldehyde	6.69	77	103399	14.046	ng	98
10) Phenol	6.73	94	359140	31.262	ng	95
11) bis(2-Chloroethyl)ether	6.95	93	313031	37.242	ng	99
12) 1,3-Dichlorobenzene	7.39	146	306855	33.637	ng	98
13) 1,4-Dichlorobenzene	7.54	146	314426	33.971	ng	99
14) 1,2-Dichlorobenzene	7.85	146	309005	33.670	ng	100
15) Benzyl Alcohol	7.77	79	324542	33.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	272747	34.040	ng	98
17) 2-Methylphenol	7.96	107	255363	33.586	ng	98
18) Hexachloroethane	8.55	117	115916	32.218	ng	98
19) n-Nitroso-di-n-propylamine	8.32	70	288824	31.248	ng	99
20) 3+4-Methylphenols	8.30	107	325396	31.154	ng	99
22) Acetophenone	8.34	105	501994	44.280	ng	99
24) Nitrobenzene	8.72	77	425853	44.169	ng	97
25) Isophorone	9.23	82	702077	38.752	ng	99
26) 2-Nitrophenol	9.42	139	161437	39.292	ng	98
27) 2,4-Dimethylphenol	9.48	122	250047	43.042	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	401698	39.595	ng	99
29) 2,4-Dichlorophenol	9.96	162	257459	39.022	ng	100
30) 1,2,4-Trichlorobenzene	10.14	180	303403	42.726	ng	99
31) Naphthalene	10.33	128	919751	41.198	ng	99
32) Benzoic acid	9.66	122	79990	18.146	ng	99
33) 4-Chloroaniline	10.50	127	34302	3.730	ng	97
34) Hexachlorobutadiene	10.57	225	172448	41.175	ng	97
35) Caprolactam	11.32	113	54679m	21.894	ng	
36) 4-Chloro-3-methylphenol	11.61	107	289546	35.319	ng	99
37) 2-Methylnaphthalene	11.95	142	655750	40.345	ng	98
38) 1-Methylnaphthalene	12.17	142	621659	38.737	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	316893	48.681	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	200428	85.951	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	202330	45.846	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	197534	43.005	ng	96
46) 1,1'-Biphenyl	12.99	154	838809	45.896	ng	99
47) 2-Chloronaphthalene	13.03	162	638970	45.835	ng	99
48) 2-Nitroaniline	13.29	65	204511	40.699	ng	96
49) Acenaphthylene	13.89	152	1011422	41.699	ng	100
50) Dimethylphthalate	13.65	163	785774	42.218	ng	99
51) 2,6-Dinitrotoluene	13.79	165	165967	40.325	ng	88
52) Acenaphthene	14.23	154	586501	43.610	ng	98
53) 3-Nitroaniline	14.14	138	45578	11.091	ng	99
54) 2,4-Dinitrophenol	14.36	184	119993	51.737	ng	92
55) Dibenzofuran	14.57	168	938488	42.674	ng	97
56) 4-Nitrophenol	14.47	139	160089	51.611	ng	93
57) 2,4-Dinitrotoluene	14.59	165	223744	37.819	ng	99
58) Fluorene	15.23	166	766453	41.130	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	177826	42.429	ng	99
60) Diethylphthalate	15.02	149	804227	41.546	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	382443	42.625	ng	96
62) 4-Nitroaniline	15.31	138	121624	30.038	ng	89
63) Azobenzene	15.52	77	888789	42.959	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	84328	32.272	ng	92
66) n-Nitrosodiphenylamine	15.45	169	630613	47.098	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	218849	46.478	ng	99
68) Hexachlorobenzene	16.23	284	257987	45.663	ng	97
69) Atrazine	16.42	200	206477	45.427	ng	98
70) Pentachlorophenol	16.60	266	229520	79.508	ng	99
71) Phenanthrene	16.98	178	1075153	44.238	ng	99
72) Anthracene	17.07	178	1087416	44.948	ng	100
73) Carbazole	17.36	167	928612	41.112	ng	100
74) Di-n-butylphthalate	17.90	149	1295108	43.660	ng	99
75) Fluoranthene	19.01	202	1142881	40.862	ng	100
77) Benzidine	19.24	184	60101	6.184	ng	96
78) Pyrene	19.38	202	1172496	50.267	ng	100
80) Butylbenzylphthalate	20.29	149	559317	49.460	ng	99
81) Benzo(a)anthracene	21.14	228	1040191	46.620	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	168870	20.342	ng	100
83) Chrysene	21.20	228	1031630	48.212	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	819682	48.687	ng	100
85) Di-n-octyl phthalate	21.92	149	1390277	50.893	ng	100
86) Indeno(1,2,3-cd)pyrene	25.53	276	1514937	71.970	ng	99
88) Benzo(b)fluoranthene	22.69	252	1112568	43.126	ng	100
89) Benzo(k)fluoranthene	22.73	252	1124805	46.312	ng	99
90) Benzo(a)pyrene	23.25	252	1067664	46.707	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1270919	57.667	ng	99
92) Benzo(g,h,i)perylene	26.21	276	1243834	62.312	ng	99

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

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