Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043533.D
Acq On : 6 Nov 2019 23:22
Operator : JU
Sample : K5701-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : J-1MSD

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:57 PM

Quant Time: Nov 07 02:20:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	34684	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	128788	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	87216	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	214548	20.00	ng		0.00
76) Chrysene-d12	21.65	240	225648	20.00	ng		0.00
87) Perylene-d12	24.85	264	265547	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	236365	124.88	ng		0.00
7) Phenol-d6	7.20	99	329795	121.10	ng		0.00
23) Nitrobenzene-d5	9.17	82	195895	78.42	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	191316	115.27	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	498642	79.00	ng		0.00
79) Terphenyl-d14	20.00	244	915028	76.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	29712	40.282	ng		98
3) Pyridine	3.87	79	73217	39.351	ng		90
4) n-Nitrosodimethylamine	3.79	42	44224	47.103	ng		92
6) Aniline	7.34	93	91156	29.058	ng		96
8) 2-Chlorophenol	7.58	128	100773	48.231	ng		97
9) Benzaldehyde	7.15	77	55967	41.819	ng		93
10) Phenol	7.22	94	133194	53.524	ng		96
11) bis(2-Chloroethyl)ether	7.43	93	83911	43.614	ng		99
12) 1,3-Dichlorobenzene	7.90	146	114565	43.763	ng		99
13) 1,4-Dichlorobenzene	8.05	146	117805	44.478	ng		98
14) 1,2-Dichlorobenzene	8.36	146	113377	43.841	ng		95
15) Benzyl Alcohol	8.26	79	91951	48.078	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	115671	41.347	ng		98
17) 2-Methylphenol	8.47	107	85477	47.118	ng		98
18) Hexachloroethane	9.09	117	41140	43.052	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	71835	40.822	ng		93
20) 3+4-Methylphenols	8.80	107	119303	47.959	ng		96
22) Acetophenone	8.83	105	150671	45.684	ng	#	98
24) Nitrobenzene	9.22	77	113804	47.823	ng	#	98
25) Isophorone	9.73	82	210930	46.184	ng		98
26) 2-Nitrophenol	9.93	139	60537	52.692	ng		98
27) 2,4-Dimethylphenol	10.00	122	94450	57.358	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	114777	45.533	ng		98
29) 2,4-Dichlorophenol	10.47	162	108127	51.249	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	120308	45.243	ng		98
31) Naphthalene	10.86	128	313568	47.967	ng		98
32) Benzoic acid	10.18	122	42335	36.372	ng		95
33) 4-Chloroaniline	10.98	127	48437	18.076	ng		95
34) Hexachlorobutadiene	11.15	225	85428	43.459	ng		94
35) Caprolactam	11.75	113	35326m	48.616	ng		
36) 4-Chloro-3-methylphenol	12.12	107	111969	48.653	ng		94
37) 2-Methylnaphthalene	12.47	142	233668	46.586	ng		99
38) 1-Methylnaphthalene	12.69	142	224607	47.063	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	147332	45.646	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	162936	96.096	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	93852	49.374	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	108257	56.334	ng		98
46) 1,1'-Biphenyl	13.48	154	316626	47.721	ng		98
47) 2-Chloronaphthalene	13.52	162	242778	48.091	ng		98
48) 2-Nitroaniline	13.72	65	72253	47.887	ng		94
49) Acenaphthylene	14.36	152	396429	50.456	ng		99
50) Dimethylphthalate	14.10	163	392411	58.088	ng		99
51) 2,6-Dinitrotoluene	14.22	165	72909	49.679	ng		95
52) Acenaphthene	14.70	154	234018	48.841	ng		94
53) 3-Nitroaniline	14.56	138	33136	23.385	ng		94
54) 2,4-Dinitrophenol	14.76	184	85571	92.155	ng		98
55) Dibenzofuran	15.04	168	384674	49.507	ng		99
56) 4-Nitrophenol	14.89	139	104639	110.199	ng		92
57) 2,4-Dinitrotoluene	15.00	165	104151	49.657	ng		99
58) Fluorene	15.69	166	318466	48.868	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	102100	50.006	ng		97
60) Diethylphthalate	15.46	149	319863	47.123	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	178191	46.870	ng		98
62) 4-Nitroaniline	15.72	138	68538	46.836	ng		94
63) Azobenzene	15.97	77	270303	49.204	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	65974	52.252	ng		95
66) n-Nitrosodiphenylamine	15.90	169	285533	47.139	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	128561	44.526	ng		96
68) Hexachlorobenzene	16.70	284	142465	42.985	ng		96
69) Atrazine	16.84	200	125554	59.652	ng		98
70) Pentachlorophenol	17.05	266	140416	92.978	ng		97
71) Phenanthrene	17.43	178	513528	46.742	ng		99
72) Anthracene	17.52	178	536950	48.848	ng		97
73) Carbazole	17.79	167	475276	47.746	ng		99
74) Di-n-butylphthalate	18.34	149	564992	46.778	ng		99
75) Fluoranthene	19.44	202	670851	46.837	ng		99
77) Benzidine	19.62	184	359614	79.189	ng		99
78) Pyrene	19.80	202	673258	48.202	ng		100
80) Butylbenzylphthalate	20.68	149	254110	48.021	ng		97
81) Benzo(a)anthracene	21.64	228	696496	49.277	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	133610	24.440	ng		91
83) Chrysene	21.70	228	668421	47.596	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	372089	49.500	ng		99
85) Di-n-octyl phthalate	22.74	149	636846	49.937	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	885912	50.255	ng	#	98
88) Benzo(b)fluoranthene	23.84	252	716923	47.669	ng		99
89) Benzo(k)fluoranthene	23.90	252	747451	49.367	ng		99
90) Benzo(a)pyrene	24.70	252	683340	47.580	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	746930	50.846	ng		98
92) Benzo(g,h,i)perylene	29.63	276	740827	51.126	ng		99

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

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