Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043440.D
Acq On : 31 Oct 2019 19:02
Operator : JU
Sample : K5587-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CSA-2-1-11MS

Manual Integrations APPROVED
mohammad
11/1/2019 2:05:16 PM

Quant Time: Nov 01 05:14:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43964	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	167359	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	118757	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	277034	20.00	ng		0.00
76) Chrysene-d12	21.67	240	293955	20.00	ng		0.00
87) Perylene-d12	24.86	264	358036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	313109	130.51	ng		0.01
7) Phenol-d6	7.21	99	455538	131.97	ng		0.01
23) Nitrobenzene-d5	9.19	82	273205	84.16	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	264159	116.89	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	686644	79.89	ng		0.00
79) Terphenyl-d14	20.00	244	1252261	79.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	37704	40.327	ng		94
3) Pyridine	3.89	79	90949	38.563	ng		98
4) n-Nitrosodimethylamine	3.81	42	56404	47.395	ng		83
6) Aniline	7.35	93	135212	34.003	ng		96
8) 2-Chlorophenol	7.60	128	128376	48.472	ng		98
9) Benzaldehyde	7.16	77	67129	39.571	ng		94
10) Phenol	7.24	94	166085	52.653	ng		94
11) bis(2-Chloroethyl)ether	7.44	93	104355	42.791	ng		98
12) 1,3-Dichlorobenzene	7.91	146	141012	42.496	ng		98
13) 1,4-Dichlorobenzene	8.06	146	145654	43.385	ng		98
14) 1,2-Dichlorobenzene	8.38	146	137102	41.825	ng		97
15) Benzyl Alcohol	8.26	79	113320	46.744	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144721	40.811	ng		95
17) 2-Methylphenol	8.48	107	106159	46.166	ng		99
18) Hexachloroethane	9.11	117	50265	41.498	ng		95
19) n-Nitroso-di-n-propylamine	8.82	70	93979	42.133	ng		96
20) 3+4-Methylphenols	8.81	107	145642	46.189	ng		88
22) Acetophenone	8.85	105	183876	42.903	ng	#	98
24) Nitrobenzene	9.23	77	147037	47.548	ng		99
25) Isophorone	9.75	82	265641	44.758	ng		98
26) 2-Nitrophenol	9.94	139	72781	48.749	ng		96
27) 2,4-Dimethylphenol	10.01	122	119618	55.901	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	143302	43.748	ng		97
29) 2,4-Dichlorophenol	10.49	162	134784	49.161	ng		88
30) 1,2,4-Trichlorobenzene	10.69	180	153597	44.449	ng		99
31) Naphthalene	10.88	128	396650	46.692	ng		99
32) Benzoic acid	10.19	122	62059	39.871	ng		94
33) 4-Chloroaniline	11.00	127	72575	20.842	ng		98
34) Hexachlorobutadiene	11.16	225	107598	42.122	ng		89
35) Caprolactam	11.76	113	41232m	43.666	ng		
36) 4-Chloro-3-methylphenol	12.13	107	142045	47.497	ng		96
37) 2-Methylnaphthalene	12.48	142	300411	46.089	ng		98
38) 1-Methylnaphthalene	12.70	142	282589	45.566	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	195844	44.560	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	227418	98.504	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	125857	48.626	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	136455	52.148	ng		97
46) 1,1'-Biphenyl	13.48	154	396304	43.866	ng		97
47) 2-Chloronaphthalene	13.53	162	306497	44.588	ng		98
48) 2-Nitroaniline	13.73	65	92472	45.010	ng		96
49) Acenaphthylene	14.38	152	505014	47.205	ng		100
50) Dimethylphthalate	14.11	163	507946	55.220	ng		99
51) 2,6-Dinitrotoluene	14.22	165	93527	46.802	ng		99
52) Acenaphthene	14.72	154	298027	45.680	ng		98
53) 3-Nitroaniline	14.56	138	52571	27.248	ng	#	98
54) 2,4-Dinitrophenol	14.77	184	100325	80.360	ng		95
55) Dibenzofuran	15.05	168	487014	46.031	ng		99
56) 4-Nitrophenol	14.89	139	133995	103.636	ng		92
57) 2,4-Dinitrotoluene	15.02	165	130454	45.679	ng		96
58) Fluorene	15.70	166	407530	45.925	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	136642	49.150	ng	#	100
60) Diethylphthalate	15.46	149	403339	43.639	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	232989	45.007	ng		96
62) 4-Nitroaniline	15.73	138	84610	42.463	ng		97
63) Azobenzene	15.98	77	339184	45.344	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	80672	49.481	ng		96
66) n-Nitrosodiphenylamine	15.90	169	360207	46.054	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	166449	44.645	ng		98
68) Hexachlorobenzene	16.71	284	186928	43.679	ng		97
69) Atrazine	16.85	200	156272	57.500	ng		98
70) Pentachlorophenol	17.05	266	206450	105.870	ng		97
71) Phenanthrene	17.44	178	647594	45.649	ng		99
72) Anthracene	17.53	178	669624	47.178	ng		99
73) Carbazole	17.80	167	600304	46.704	ng		99
74) Di-n-butylphthalate	18.35	149	700807	44.936	ng		99
75) Fluoranthene	19.45	202	857970	46.391	ng		98
77) Benzidine	19.63	184	404533	68.380	ng		99
78) Pyrene	19.81	202	870088	47.819	ng		99
80) Butylbenzylphthalate	20.69	149	326175	47.316	ng		94
81) Benzo(a)anthracene	21.64	228	894180	48.562	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	229572	32.235	ng		98
83) Chrysene	21.71	228	865404	47.303	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	469829	47.979	ng		98
85) Di-n-octyl phthalate	22.75	149	813108	48.943	ng		100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1156023	50.339	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	958731	47.279	ng		97
89) Benzo(k)fluoranthene	23.92	252	970821	47.557	ng		98
90) Benzo(a)pyrene	24.72	252	887910	45.854	ng		99
91) Dibenzo(a,h)anthracene	28.57	278	966581	48.801	ng		99
92) Benzo(g,h,i)perylene	29.65	276	970190	49.659	ng		98

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

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