Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043441.D
Acq On : 31 Oct 2019 19:41
Operator : JU
Sample : K5587-15MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
11/1/2019 2:05:31 PM

Quant Time: Nov 01 05:17:02 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	8.03	152	42630	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161544	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	111981	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	267411	20.00	ng	0.00
76) Chrysene-d12	21.66	240	279179	20.00	ng	0.00
87) Perylene-d12	24.86	264	336274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	343412	147.62	ng	0.00
7) Phenol-d6	7.22	99	476586	142.39	ng	0.01
23) Nitrobenzene-d5	9.18	82	287472	91.74	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	284771	133.63	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	706847	87.22	ng	0.00
79) Terphenyl-d14	20.01	244	1287235	86.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	36799	40.591	ng	# 92
3) Pyridine	3.89	79	89951	39.333	ng	99
4) n-Nitrosodimethylamine	3.81	42	55744	48.306	ng	# 93
6) Aniline	7.36	93	133014	34.497	ng	95
8) 2-Chlorophenol	7.60	128	124523	48.489	ng	97
9) Benzaldehyde	7.16	77	66329	40.323	ng	89
10) Phenol	7.24	94	164795	53.879	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	101597	42.963	ng	97
12) 1,3-Dichlorobenzene	7.91	146	138217	42.957	ng	95
13) 1,4-Dichlorobenzene	8.06	146	143359	44.037	ng	99
14) 1,2-Dichlorobenzene	8.38	146	134590	42.343	ng	100
15) Benzyl Alcohol	8.27	79	110615	47.056	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	139280	40.506	ng	97
17) 2-Methylphenol	8.48	107	107432	48.182	ng	94
18) Hexachloroethane	9.11	117	50420	42.928	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	91142	42.140	ng	99
20) 3+4-Methylphenols	8.81	107	144236	47.175	ng	87
22) Acetophenone	8.84	105	180487	43.628	ng	# 98
24) Nitrobenzene	9.23	77	137062	45.917	ng	96
25) Isophorone	9.75	82	258050	45.044	ng	97
26) 2-Nitrophenol	9.94	139	71881	49.880	ng	93
27) 2,4-Dimethylphenol	10.01	122	114634	55.500	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	141393	44.719	ng	98
29) 2,4-Dichlorophenol	10.49	162	133739	50.535	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	151195	45.329	ng	98
31) Naphthalene	10.88	128	386765	47.167	ng	99
32) Benzoic acid	10.18	122	59640	39.736	ng	91
33) 4-Chloroaniline	11.00	127	70622	21.011	ng	93
34) Hexachlorobutadiene	11.16	225	109421	44.378	ng	94
35) Caprolactam	11.77	113	39704m	43.562	ng	
36) 4-Chloro-3-methylphenol	12.13	107	138128	47.850	ng	98
37) 2-Methylnaphthalene	12.48	142	292599	46.506	ng	96
38) 1-Methylnaphthalene	12.70	142	273924	45.758	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	190027	45.853	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	217178	99.760	ng		96
43) 2,4,6-Trichlorophenol	13.09	196	120396	49.331	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	126574	51.299	ng		98
46) 1,1'-Biphenyl	13.48	154	389124	45.678	ng		98
47) 2-Chloronaphthalene	13.53	162	300232	46.319	ng		98
48) 2-Nitroaniline	13.73	65	88267	45.563	ng		98
49) Acenaphthylene	14.37	152	488469	48.421	ng		99
50) Dimethylphthalate	14.11	163	498832	57.511	ng		100
51) 2,6-Dinitrotoluene	14.23	165	89572	47.535	ng		92
52) Acenaphthene	14.71	154	286692	46.602	ng		98
53) 3-Nitroaniline	14.56	138	49144	27.013	ng		89
54) 2,4-Dinitrophenol	14.77	184	92237	78.534	ng		100
55) Dibenzofuran	15.05	168	469195	47.030	ng		100
56) 4-Nitrophenol	14.89	139	129289	106.047	ng		93
57) 2,4-Dinitrotoluene	15.01	165	126342	46.916	ng		99
58) Fluorene	15.70	166	392841	46.949	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.28	232	126558	48.277	ng	#	98
60) Diethylphthalate	15.46	149	387508	44.463	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	225594	46.216	ng		99
62) 4-Nitroaniline	15.72	138	78799	41.939	ng		99
63) Azobenzene	15.98	77	324843	46.055	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	75347	47.878	ng		92
66) n-Nitrosodiphenylamine	15.91	169	345629	45.780	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	159313	44.269	ng		97
68) Hexachlorobenzene	16.70	284	177017	42.852	ng		96
69) Atrazine	16.85	200	147197	56.110	ng		95
70) Pentachlorophenol	17.05	266	192644	102.345	ng		95
71) Phenanthrene	17.44	178	620616	45.322	ng		99
72) Anthracene	17.53	178	642120	46.868	ng		100
73) Carbazole	17.80	167	565181	45.554	ng		100
74) Di-n-butylphthalate	18.35	149	667148	44.317	ng		99
75) Fluoranthene	19.45	202	830701	46.533	ng		99
77) Benzidine	19.63	184	397034	70.665	ng		98
78) Pyrene	19.81	202	832786	48.191	ng		99
80) Butylbenzylphthalate	20.69	149	302975	46.277	ng		98
81) Benzo(a)anthracene	21.65	228	855421	48.916	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	210845	31.172	ng		98
83) Chrysene	21.71	228	838150	48.238	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	443921	47.733	ng		99
85) Di-n-octyl phthalate	22.74	149	763015	48.358	ng		99
86) Indeno(1,2,3-cd)pyrene	28.51	276	1093960	50.158	ng		100
88) Benzo(b)fluoranthene	23.85	252	932473	48.960	ng		99
89) Benzo(k)fluoranthene	23.91	252	904009	47.150	ng		99
90) Benzo(a)pyrene	24.71	252	843804	46.396	ng		97
91) Dibenzo(a,h)anthracene	28.57	278	920261	49.469	ng		100
92) Benzo(g,h,i)perylene	29.65	276	918668	50.064	ng		99

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

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